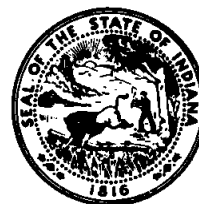


Data Base for Deep Wells in Indiana

By PEGGY A. BASSETT *and* BRIAN D. KEITH

DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY OCCASIONAL PAPER 46



SCIENTIFIC AND TECHNICAL STAFF OF THE GEOLOGICAL SURVEY

JOHN B. PATTON, State Geologist
MAURICE E. BIGGS, Assistant State Geologist
MARY BETH FOX, Mineral Statistician

COAL AND INDUSTRIAL MINERALS SECTION

DONALD D. CARR, Geologist and Head
CURTIS H. AULT, Geologist and Associate Head
DONALD L. EGGERT, Geologist
DENVER HARPER, Geologist
NANCY R. HASENMUELLER, Geologist
WALTER A. HASENMUELLER, Geologist
NELSON R. SHAFFER, Geologist
CHRISTOPHER R. SMITH, Geologist

DRAFTING AND PHOTOGRAPHY SECTION

WILLIAM H. MORAN, Chief Draftsman and Head
BARBARA T. HILL, Photographer
RICHARD T. HILL, Senior Geological Draftsman
ROGER L. PURCELL, Senior Geological Draftsman
KIMBERLY H. SOWDER, Geological Draftsman
WILBUR E. STALIONS, Artist-Draftsman

EDUCATIONAL SERVICES SECTION

JOHN R. HILL, Geologist and Head

GEOCHEMISTRY SECTION

R. K. LEININGER, Geochemist and Head
LOUIS V. MILLER, Coal Chemist
MARGARET V. ENNIS, Instrumental Analyst
JOSEPH G. HAILER, Geochemist/Analyst
JIM J. JOHNSON, Electronics Technician

GEOLOGY SECTION

ROBERT H. SHAVER, Paleontologist and Head
HENRY H. GRAY, Head Stratigrapher
N. K. BLEUER, Glacial Geologist
GORDON S. FRASER, Glacial Geologist
EDWIN J. HARTKE, Environmental Geologist
CARL B. REXROAD, Paleontologist

GEOPHYSICS SECTION

MAURICE E. BIGGS, Geophysicist and Head
ROBERT F. BLAKELY, Geophysicist
JOSEPH F. WHALEY, Geophysicist
SAMUEL L. RIDDLE, Driller
THOMAS CHITWOOD, Geophysical Assistant

PETROLEUM SECTION

G. L. CARPENTER, Geologist and Head
BRIAN D. KEITH, Geologist
STANLEY J. KELLER, Geologist
JOHN A. RUPP, Geologist
DAN M. SULLIVAN, Geologist
JERRY R. BURTON, Geological Assistant
JAMES T. CAZEE, Geological Assistant
SHERRY CAZEE, Geological Assistant

PUBLICATIONS SECTION

GERALD S. WOODARD, Editor and Head
PAT GERTH, Principal Records Clerk
BARBARA A. SEMERAU, Senior Records Clerk

AUTHORS OF THIS REPORT: Peggy A. Bassett was formerly a staff member in the Petroleum Section and Brian D. Keith is a geologist in the Petroleum Section of the Indiana Geological Survey, 611 North Walnut Grove, Bloomington, IN 47405.

Data Base for Deep Wells in Indiana

By PEGGY A. BASSETT *and* BRIAN D. KEITH

DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY OCCASIONAL PAPER 46



STATE OF INDIANA
Robert D. Orr, *Governor*
DEPARTMENT OF NATURAL RESOURCES
James M. Ridenour, *Director*
GEOLOGICAL SURVEY
John B. Patton, *State Geologist*

For sale by Publications Section, Geological Survey, 611 North Walnut Grove,
Bloomington, IN 47405
Price \$7.50

Contents

	Page
Introduction.....	1
Wells in the data base	1
Information in the data base.....	1
Permit number.....	1
Operator-farm	1
County	1
Well locations	1
Map	1
Elevations of wells.....	2
Formation tops	2
Literature cited.....	3
Data base for deep wells in Indiana.....	4

Illustration

Plate 1 Map of Indiana showing locations of wells in deep-well data base.....	In pocket
---	-----------

Tables

	Page
Table 1 County names abbreviated in the data base.....	2
2 Abbreviations used in the data base for total-depth (TD) formation and formation tops	3

Data Base for Deep Wells in Indiana

By PEGGY A. BASSETT and BRIAN D. KEITH

Introduction

A part of this data base was originally compiled during research on the Trenton Limestone by Brian D. Keith. Because of increased interest by the petroleum industry in deeper subsurface units in Indiana, we have expanded the data base and made it available by publication.

This data base is a part of the computerized subsurface file of the Petroleum Section of the Indiana Geological Survey. The data base in the Petroleum Section contains pertinent information from all known records associated with petroleum-related wells in Indiana. This deep-well data base includes only wells that have penetrated the Black River Group or deeper stratigraphic units in Indiana. We intend to update the deep-well data base once a year. This updated data base will be available from the Geological Survey as an annual addendum to this report.

Wells in the Data Base

The 758 wells in this data base are wells that meet the penetration requirement and that have samples and (or) some type of geophysical log in the Petroleum Section. Wells that have only a driller's log and (or) a scout ticket have not been included because we cannot verify the formation tops from samples or logs. There are 411 wells in this latter category.

Information in the Data Base

PERMIT NUMBER

The primary identification for wells in the data base is the permit number, which is a unique five-digit identifying number assigned to each petroleum-related well in Indiana. Each new operation or change of classification of a well is assigned a new permit number. If multiple permit numbers have been assigned to a single well, only the most recently assigned permit number is listed in

the data base. Certain wells do not have permit numbers, either because they predate the permit system or because they are not petroleum-related wells (such as Indiana Geological Survey core holes). These wells have been assigned a unique six-digit number within the Petroleum Section data base that serves as a permit number.

The only exceptions to the unique number system are four wells in Dearborn County that were drilled under a single-county stratigraphic-test permit that gave all four wells the same permit number. However, the locations for these wells are all different, which should prevent confusion.

OPERATOR-FARM

Both the name of the operator and the farm name have been shortened or abbreviated to conserve space in the listing, but wells can still be identified without difficulty. The unique permit number can be used to distinguish multiple wells drilled by the same operator on the same farm. The well number used by the operator is also shown.

COUNTY

County names have been truncated to a maximum of six characters. The truncated and full names are shown in table 1. County names that have not been truncated are not listed in table 1.

WELL LOCATIONS

Only the section, township, and range for wells are listed. The quarter-section location and actual footage for a given well can be obtained directly from the records in the public files of the Petroleum Section.

MAP

Plate 1 is a map of Indiana showing the locations of all wells in the data base except for wells in certain areas where the well

Table 1. County names abbreviated in the data base

Abbreviation	County	Abbreviation	County
Bartho	Bartholomew	Jennin	Jennings
Blackf	Blackford	Johnso	Johnson
Carrol	Carroll	Kosciu	Kosciusko
Clinto	Clinton	Lagran	Lagrange
Grawfo	Crawford	Laport	LaPorte
Dearbo	Dearborn	Lawren	Lawrence
Decatu	Decatur	Madiso	Madison
Delawa	Delaware	Marsha	Marshall
Elkhar	Elkhart	Montgo	Montgomery
Fayett	Fayette	Pulask	Pulaski
Founta	Fountain	Randol	Randolph
Frankl	Franklin	St.Jos	St. Joseph
Hamilt	Hamilton	Steube	Steuben
Hancoc	Hancock	Sulliv	Sullivan
Harris	Harrison	Switze	Switzerland
Hendri	Hendricks	Tippec	Tippecanoe
Huntin	Huntington	Vermil	Vermillion
Jackso	Jackson	Washin	Washington
Jeffer	Jefferson	Whitle	Whitley

density is very high (generally greater than one well per section). Each well in the data base has a separate line number, which is plotted on the map.

ELEVATIONS OF WELLS

Ground-level elevations for all wells in the data base are listed. The kelly bushing (KB) elevation is listed for all wells for which it was used to calculate formation tops relative to sea level. In 1977 the Petroleum Section adopted the convention of using the KB elevation only when it was 7 feet or more above the ground elevation. For some gas-storage wells the KB was the datum for samples only and the ground elevation was the datum for geophysical logs. The elevations of all formation tops in the data base were calculated by using the appropriate datum.

FORMATION TOPS

The term "formation" is applied in a nonrigorous sense in the data base of the Petroleum Section to subsurface units ranging in rank from larger than system (for example, all Precambrian wells) to actual formations. These nonrigorous names fall into two

categories. Some names exactly parallel formal stratigraphic units but are terms that either are informal (such as Devonian limestone for Muscatatuck Group) or have been outdated by formal stratigraphic revision (such as Cincinnati for Maquoketa Group). Other names may be only partly parallel to a formal unit, for example, Chazy, which is nearly parallel with the Ancell Group in northern Indiana but is only a variable amount of the lower part of the Ancell Group in southern Indiana. These names are retained in the data base of the Petroleum Section for two reasons: (1) As old terms they are familiar to, and used by, visitors to the Petroleum Section who do not use the formal stratigraphy, and (2) it is impractical to change a unit name on the thousands of pieces of information that make up the raw-data file of the Petroleum Section. Abbreviations used in the data base for total-depth (TD) formation and formation tops are shown in table 2.

Tops of Devonian limestone, the Trenton Limestone, the Eau Claire Formation, and the Mount Simon Sandstone were picked by using geophysical logs if they were available. But if

Table 2. Abbreviations used in the data base for total-depth (TD) formation and formation tops

Abbreviation	Data-base term	Formal stratigraphic equivalent
Devl	Devonian	Muscatatuck Group
Genev	Devonian limestone	
Sil	Geneva	Geneva Dolomite Member of the Jeffersonville Limestone
Lexing	Silurian	Silurian (undifferentiated)
Cin	Lexington	Lexington Limestone
Tren	Cincinnatian	Maquoketa Group
Black	Trenton	Trenton Limestone
Chazya	Black River	Black River Group
Knox	Chazy	Ancell Group
Eau CI	Knox	Knox Dolomite
Ironto	Eau Claire	Eau Claire Formation
Mount	Ironton	Ironton Sandstone
Precam	Mount Simon	Mount Simon Sandstone
	Precambrian	Precambrian System

logs were not available for a well, then sample tops were used. As a last resort, driller's-log tops for the Trenton were used if geophysical logs were not available and sample skips prevented using the samples to pick the Trenton top. This use of a driller's log was made because the Trenton top represents a distinct lithologic break from the overlying thick shale sequence (Maquoketa Group) to the carbonate rocks of the Trenton that is easy for drillers to recognize. Tops for the Knox Dolomite were picked by using the gamma-ray curve in the Unionport area of Randolph County as a result of the detailed study by Keller and Abdulkareem (1980). All other tops were picked from samples only.

For each formation top, both the depth and the value relative to sea level are listed. Some formation tops above the total depth

are not listed for certain wells. These tops were not picked for one of several reasons, including (1) a sample skip greater than 10 feet in thickness at the contact, (2) absence of the unit (as can be true for the Geneva Dolomite Member of the Jeffersonville limestone), or (3) lack of lithologic distinction between units (for example, in places where both the Trenton and the Black River are dolomitized). For all wells, only tops that are Devonian limestone or older are listed.

Literature Cited

- Keller, S. J., and Abdulkareem, T. F.
 1980 - Post-Knox unconformity - Significance at Unionport gas-storage project and relationship to petroleum exploration in Indiana: Indiana Geol. Survey Occasional Paper 31, 19 p.

DATA BASE FOR DEEP WELLS IN INDIANA
[as of October 1983]

OPERATOR										DEPTH-SUBSEA ELEVATIONS									
PERMIT	FARM-WELL#	COUNTY	LOCATION	GL	KB	TD	TD FORM	DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM	
1 41471	HODGE WARNER #12-1	ADAMS	12	25N	13E	824	----	2226	KNOX				225	1012	1210	1480			
													599	-188	-386	-656			
2 34097	MITCHELL, INC WAGLEY #2834	ADAMS	34	25N	13E	851	859	1870	KNOX				235	1024	1203	1598			
													624	-165	-344	-739			
3 01930	MCKEE GLENDENING #1	ADAMS	35	25N	13E	845	----	2510	EAU CL				1005	1177	1512				
														-160	-332	-667			
4 03190	SEIP GLENDENING #2	ADAMS	35	25N	13E	847	----	2271	DAVIS				1007	1187	1525				
														-160	-340	-678			
5 29483	LOWRY SPENCER #1	ADAMS	36	25N	13E	844	----	2280	DAVIS			220	995	1184	1515				
												624	-151	-340	-671				
6 41188	VANLEUR ARMSTRONG #1	ADAMS	35	25N	14E	840	----	1645	KNOX			200	1020	1250					
												640	-180	-410					
7 37904	F AND M OIL CO SIPE #1	ADAMS	19	26N	15E	824	----	1765	KNOX			300	1093	1262	1530				
												524	-269	-438	-706				
8 30113	JONES JONES #2	ADAMS	30	26N	15E	814	----	1805	KNOX				1086	1273	1625				
													-272	-459	-811				
9 41648	ELCOEX INC. ZANDER #1	ADAMS	03	28N	14E	833	----	1962	KNOX				1358	1550	1925				
													-525	-717	-1092				
10 41811	ELCOEX, INC. HOFFMAN #1	ADAMS	03	28N	14E	831	----	2046	KNDX				1354	1540	1900				
													-523	709	-1069				
11 26692	SLAGTER PROD COMER #1	ALLEN	14	29N	11E	824	----	1523	BLACK				1287						
													463						
12 05012	TECUMSEH OIL GIBSON #1	ALLEN	33	29N	12E	822	----	3517	PRECAM			510	1235	1417	1671	2580	3071	3476	
												312	-413	-595	-849	-1758	-2249	-2654	
13 31927	NIPSCO LEUENBERGER #1	ALLEN	14	29N	14E	797	----	3672	PRECAM			596	1348	1545	1830	2670	3127	3484	
												201	-551	-748	-1033	-1873	-2330	-2687	
14 26801	SLAGTER PROD BOHNKE #1	ALLEN	22	29N	14E	814	----	1605	BLACK			638	1384	1577					
												176	-570	-763					
15 13903	WEBSTER, ETAL HARROLD #1	ALLEN	36	30N	11E	754	----	1471	BLACK			560	1265	1455					
												194	-511	-701					
16 32174	INDIANA DRILLING BANDELIER #1	ALLEN	17	30N	14E	789	----	2048	KNOX				1466	1698	1967				
													-677	-909	-1178				
17 30256	HORIZON OIL INC HOFFMAN #1-H	ALLEN	32	30N	14E	797	----	1638	BLACK			160	702	1435	1633				
												637	95	-638	-836				
18 30230	HORIZON OIL INC GIANT #1-H	ALLEN	36	30N	14E	777	----	1640	BLACK			105	650	1412	1618				
												672	127	-635	-841				
19 23440	PARKER ASHBAUGH #1	ALLEN	05	31N	11E	851	----	3501	MOUNT			291	837	1523	1711	1952	2835		
												560	14	-672	-860	-1101	-1984		
20 26563	INDIANA FARM BUR BLUME #1	ALLEN	02	31N	13E	798	----	1758	BLACK			235	810	1538	1743				
												563	-12	-740	-945				
21 26101	INDIANA FARM BUR SNYDER #1	ALLEN	10	31N	13E	790	----	1817	BLACK			810		1536	1735				
												-20	-746	-945					
22 26475	INDIANA FARM BUR BUHR #1	ALLEN	11	31N	13E	790	----	2065	KNOX			271	800	1537	1750	1991			
												519	-10	-747	-960	-1201			
23 26536	INDIANA FARM BUR BLUME #1	ALLEN	11	31N	13E	795	----	1764	BLACK	170		268	815	1542	1731				
										625		527	-20	-747	-936				
24 24212	NIPSCO SMITH #1	ALLEN	15	32N	11E	844	----	2218	KNOX			295	940	1620	1820	2105			
												549	-96	-776	-976	-1261			
25 28523	WEBSTER ROGERS #1	ALLEN	24	32N	11E	839	----	1881	BLACK			290	906	1588	1789				
												549	-67	-745	-950				
26 27573	WEBSTER RUDERMAN #1	ALLEN	19	32N	12E	839	----	1890	BLACK			335	939	1628	1828				
												504	-100	-785	-989				
27 24856	NIPSCO WAKELAND #1	ALLEN	33	32N	12E	856	----	3571	MOUNT			334	904	1602	1798	2091	2872		
												522	-48	-746	-942	-1235	-2016		
28 26614	TURNER GRABER #1	ALLEN	26	32N	13E	815	----	2050	BLACK			315	959	1695	1932				
												500	-144	-880	-1117				
29 26716	TURNER HOLLOPETER #1	ALLEN	26	32N	14E	760	----	1830	BLACK			270	848	1585	1799				
												490	-88	-829	-1039				

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

DATA BASE FOR DEEP WELLS IN INDIANA

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION			ELEVATION		TD	TD FORM	DEPTH-SUBSEA ELEVATIONS									EAU CL	MOUN1	PRECAM
						GL	KB			DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX				
30	29572	PROF. PET EXP WITTMER #1	ALLEN	30	32N	14E	796	----	2261	KNOX	189 607		307 489		1672 -876	1894 -1098	2700 -1404				
31	26721	TURNER FOOTE, ET AL #1	ALLEN	29	32N	15E	742	----	1850	BLACK			190 552	759 -17	1516 -774	1722 -980					
32	05373	WATERBURY LEE #1	BARTHO	24	8N	5E	641	----	1608	CHAZYA	140 501	198 443	214 427	331 310	1020 -379	1114 -473					
33	100073	HAW CREEK OIL FISHEL #1	BARTHO	15	10N	7E	770	----	1476	CHAZYA		40 730	65 705	135 635	880 -110	980 -210					
34	24463	CONTINENTAL OIL CONNER #1	BENTON	19	24N	6W	709	----	1568	CHAZYA	332 377		349 360	870 -161	1172 -463	1341 -632					
35	01000	THOMAS FOWLER #1	BENTON	27	75N	9W	792	----	1750	CHAZYA	449 343		487 305	1005 -213	1288 -496	1490 -698					
36	42054	POWELL PROD LIGHT #1-6	BLACKF	06	72N	10E	862	----	3167	MOUNT					885 -23				3016 -2154		
37	41410	CASTERLINE CASTERLINE #1	BLACKF	25	24N	10E	885	----	3505	MOUNT					963 -78	1128 -243	1447 -562	2479 -1594	3014 -2128		
38	00361	JONES SIMONTON #1	BLACKF	15	24N	11E	876	----	1632	KNOX					994 -118		1587 -711				
39	00224	REED CALE #1	BLACKF	20	24N	11E	892	----	3302	MOUNT			300 592		988 -96	1168 -276	1494 -602	2488 -1596	3021 -2128		
40	37131	BRETT MCGAMMON #9-B	BLACKF	20	24N	11E	891	----	1890	KNOX			309 581		995 104						
41	22343	C. C. AND W. DEV CALE #1	BLACKF	21	24N	11E	890	----	1541	KNOX					1009 -119	1179 -289	1506 -616				
42	34096	MITCHELL INC JOHNSON #16D-27	BLACKF	27	24N	11E	883	892	2395	EAU CL					964 -72	1135 -243	1464 -572	2270 -1378			
43	13808	CRESCENT OIL CO BROWN #1	BLACKF	06	24N	12E	903	----	1361	BLACK					1016 113	1196 293					
64	18752	WILKEY WURSTER #1	BOONE	10	19N	2E	954	----	1583	KNOX			211 743	602 352	1063 -109	1222 -268	1555 -601				
45	18646	WILKEY BOYER #1	BOONE	15	19N	2E	949	----	2240	KNOX					1058 -109	1214 -265	1565 -616				
46	00792	SMITH MARSHALL #1	BOONE	34	19N	2E	916	----	1825	KNOX			282 634	558 358	1048 -132	1198 -282	1556 -640				
47	19026	CARTER CARTER #1	BROWN	28	8N	3E	581	----	1925	KNOX	363 218		495 86	658 -104	1300 -719	1430 -849	1920 -1339				
48	11655	HIATT HIATT #1	BROWN	33	10N	3E	756	----	1511	BLACK	478 278	560 196	603 153	780 -24	1341 -585	1466 -710					
69	24884	CONTINENTAL OIL KIRKPATRICK #1	CARROL	35	25N	1E	741	----	1480	KNOX				518 223	949 -208	1121 -380	1450 -709				
50	31217	PARLOCK SMALL #1	CASS	30	26N	3E	768	----	1250	BLACK				546 222	1028 -260	1200 -432					
51	23044	NIPSCO SHAFER #2	CASS	06	28N	1E	743	----	1382	KNOX					935 192						
52	23406	NIPSCO HAZELBY #2	CASS	06	28N	1E	730	----	1373	KNOX				550 180	922 -192	1105 375	1355 -625				
53	23454	NIPSCO SHAFER #7	CASS	06	28N	1E	745	----	1360	CHAZYA					934 189						
54	24974	NIPSCO SHAFER #4	CASS	06	28N	1E	747	----	1377	KNOX					938 -191		1369 -622				
55	25427	NIPSCO HAZELBY #4	CASS	06	28N	1E	739	----	1382	KNOX					943 204		1370 631				
56	25428	NIPSCO SOMMERS #2 (S-19)	CASS	06	78N	1E	740	----	1376	KNOX					934 -194						
57	25685	NIPSCO HAZELBY #5	CASS	06	28N	1E	736	----	1369	KNOX					936 -200		1361 -625				
58	25732	NIPSCO SHAFER #3	CASS	06	28N	1E	745	----	1374	KNOX				550 195	920 -175	1115 -370	1360 -615				

DATA BASE FOR DEEP WELLS IN INDIANA
[as of October 1983]

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION	ELEVATION		TD	TD FORM	DEPTH-SUBSEA ELEVATIONS								MOUNT	PRECAM
				GL	KB			DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	
59	25814	NIPSCO SHAFAER #2	CASS	06	28N	1E	744	-----					931 -187		1348 -604		
60	25815	NIPSCO SHAFAER #5	CASS	06	28N	1E	745						940 -195				
61	28294	NIPSCO HASLBY #11	CASS	06	28N	1E	734	-----					930 -196				
62	29260	NIPSCO BURTON #2	CASS	06	28N	1E	746	-----					946 -200				
63	29261	NIPSCO BURTON #3	CASS	06	28N	1E	745	-----					957 -212		1394 -649		
64	32067	NIPSCO BURTON #1	CASS	06	28N	1E	732	-----			600 132		983 -251			2298 -1566	2883 -2151
65	33166	NIPSCO SHAFAER #6	CASS	06	28N	1E	742	-----					934 -192				
66	33167	NIPSCO BURTON #1	CASS	06	28N	1E	751	-----			600 151		946 -195		1131 -380		
67	33168	NIPSCO HASELBY #3	CASS	06	28N	1E	740	-----					936 -196				
68	33169	NIPSCO SOMMERS #1	CASS	06	28N	1E	736	-----					934 -198		1375 -639		
69	25731	NIPSCO JOHNSON #1 (S-14)	CASS	07	28N	1E	750	-----					932 -182		1363 -613		
70	37266	NIPSCO JOHNSON #5	CASS	07	28N	1E	747	-----					952 -205				
71	21998	NIPSCO BRUCE #1	CASS	17	28N	1E	750	-----			700 50		1095 -345		1533 -783		
72	22299	NIPSCO HOUSE #1	CASS	01	28N	1W	739	-----			550 189		938 -199	1100 -361	1365 -626	2184 -1445	
73	22998	NIPSCO HOUSE #3	CASS	01	28N	1W	741	-----					943 -202				
74	23582	NIPSCO RANNELLS #1	CASS	01	28N	1W	746	-----					946 -200				
75	31834	NIPSCO HOUSE #5	CASS	01	28N	1W	746	-----					936 -190		1371 -625		
76	33165	NIPSCO HOUSE #2	CASS	01	28N	1W	737	-----					938 -201				
77	38189	NIPSCO HOUSE #3	CASS	01	28N	1W	739	-----					935 -196	1110 -371	1367 -628	2180 -1441	2780 -2041
78	31093	NIPSCO WEBBER #1	CASS	04	28N	1W	725	-----			575 150		963 -238	1138 -413	1402 -677		
79	30813	NIPSCO SCOTT #1	CASS	08	28N	1W	712	-----			622 90		940 -228				
80	28103	NIPSCO BECKLEY #1	CASS	09	28N	1W	718	-----			585 133		940 -222	1115 -397			
81	22297	NIPSCO SKINNER #1	CASS	10	28N	1W	721	-----			582 139		943 -222	1117 -396	1373 -652	2218 -1497	
82	22168	NIPSCO MORPHET #1	CASS	11	28N	1W	738	-----			565 173		935 -197	1118 -380	1380 -642		
83	26489	NIPSCO CROW #1	CASS	11	28N	1W	734	-----			542 192		935 -201	1110 -376	1363 -629		
84	28506	NIPSCO CROW-KITZLER #2	CASS	11	28N	1W	728	-----					918 -190				
85	23075	NIPSCO JOHNSON #2	CASS	12	28N	1W	738	-----			555 183		935 -197	1130 -392	1360 -622		
86	23404	NIPSCO HOUSE #1	CASS	12	28N	1W	731	-----					928 -197		1364 -633		
87	23789	NIPSCO JOHNSON #4	CASS	12	28N	1W	740	-----					937 -197		1373 -633		

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

	PERMIT	OPERATOR	COUNTY		LOCATION	ELEVATION			TD	TD FORM	DEPTH-SUBSEA ELEVATIONS									
		FARM-WELL#				GL KB	----				DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT
88	27528	NIPSCO JOHNSON #7	CASS	12	28N	1W	738	----	1400	KNOX					934 -196		1364 -626			
89	28385	NIPSCO JOHNSON #8	CASS	12	28N	1W	735	----	1417	KNOX					933 -198		1359 -629			
90	28392	NIPSCO HOUSE #2	CASS	12	28N	1 W	730	----	1399	KNOX			558 172		921 -191	1108 -378	1368 -638			
91	28395	NIPSCO BOOZE #4	CASS	12	28N	1 W	731	----	1400	KNOX					920 -189		1361 -630			
92	32937	NIPSCO DODT #WD-128-K	CASS	12	28N	1W	730	----	1832	KNOX			617 113		996 -268	1180 -450	1475 -745			
93	33677	NIPSCO JOHNSON #0-85	CASS	12	28N	1W	737	751	3040	MOUNT			574 177		938 -201	1134 -383	1396 -645	2193 -1456		2789 -2052
94	23681	NIPSCO PHILLIPS #1	CASS	13	28N	1W	734	----	1388	KNOX			565 169		935 -201	1120 -386	1385 -651			
95	23449	NIPSCO HIATT #1	CASS	14	28N	1W	734	----	1382	KNOX			550 184		927 -193	1110 -376	1370 -636			
96	27001	NIPSCO WILDERMUTH #1	CASS	14	28N	1W	731	----	1381	KNOX					915 -184		1366 -635			
97	28393	NIPSCO FULTZ #1	CASS	14	28N	1W	732	----	1408	KNOX					931 -199		1372 -640			
98	29411	NIPSCO CONN #1	CASS	14	28N	1W	732	746	3010	MOUNT			550 196		920 -174	1100 -354	1380 -634	2184 -1452	2786 -2054	
99	37766	NIPSCO BRIDGES #8-37	CASS	14	28N	1W	724	----	1369	KNOX			558 166		917 -193	1110 -386	1356 -632			
100	37767	NIPSCO BRIDGES #8-65	CASS	14	28N	1W	723	----	1384	KNOX					916 -193					
101	26999	NIPSCO SHAFFER #1	CASS	15	28N	1W	725	----	1382	KNOX			564 161		927 -202	1144 -419	1378 -653			
102	30290	NIPSCO ULFERS #1	CASS	16	28N	1W	717	----	1445	KNOX					941 -224		1390 -673			
103	30499	NIPSCO MCVAY #1	CASS	16	28N	1W	715	----	1441	KNOX					925 -210					
104	29339	NIPSCO FINNELL #1	CASS	17	28N	1W	771	725	3091	MOUNT					925 -214	1160 -435	1382 -657	2213 -1502	2822 -2111	
105	30879	NIPSCO ROWE #1	CASS	17	28N	1W	718	----	1114	BLACK			580 138		939 -221					
106	22177	NIPSCO SCHMALTZ #1	CASS	21	28N	1W	708	----	1389	KNOX			563 145		930 -222	1108 -400	1365 -657			
107	32252	NIPSCO SCHMALTZ #2	CASS	21	28N	1W	718	----	3300	MOUNT					1017 -299			2368 -1650	2970 -2252	
108	24990	NIPSCO FANSLER #1	CASS	22	28N	1W	721	----	1393	KNOX					938 -217	1135 -414	1390 -669			
109	26387	NIPSCO NIPSCO #S-24	CASS	23	28N	1W	736	----	1118	BLACK					924 -188					
110	22176	NIPSCO MILLER #1	CASS	24	28N	1W	748	----	1525	KNOX			680 68		1065 -317	1255 -507	1505 -757			
171	08569	CLARK CO OIL MCCLELLAN #7	CLARK	GR195	1N	8E	592	----	1547	KNOX			35 557	132 460	830 -238		959 -367	1528 -936		
112	11036	STOLL WATERS #1	CLARK	07	1N	9E	673	----	1400	BLACK				89 584	787 -114	920 -247				
113	11691	RUSS OIL STEWART #B-2	CLARK	18	1N	10E	491	----	1384	KNOX					535 -44	658 -167	1200 -709			
114	15198	PATTON MARTAIN #1	CLARK	01	1S	5E	600	----	1918	KNOX				386 214	467 133	644 -44		1905 -1305		
115	16042	PATTON HEYWOOD #2	CLARK	02	1S	5E	550	----	1601	BLACK				373 177	440 110	635 -85	1305 -755	1360 -810		
116	15798	PATTON HAYWOOD #1	CLARK	11	1S	5E	603	----	1675	BLACK				423 160	490 113	667 -84	1350 -747	1410 -807		

DATA BASE FOR DEEP WELLS IN INDIANA

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

OPERATOR										DEPTH-SUBSEA ELEVATIONS										
PERMIT	FARM-WELL#	COUNTY	LOCATION		GL	KB	TD	TD FORM		DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM
117	00543	SMITH SCHUBNELL #1	CLARK	GR165 1S	6E	495	----	1747	KNOX	101 394				1011 -516		1100 -605	1643 -1148			
118	06095	LOUISVILLE CEMENT LOUISVILLE CEMENT #1	CLARK	GR131 1S	7E	465	----	1806	KNOX				225 240	862 -397		987 -522	1447 -982			
119	11742	RUSS OIL GARRIOTT #1	CLARK	GR53 1S	7E	569	----	1550	KNOX	18 551		68 501	215 354	866 -297		992 -423	1515 -946			
120	27634	INDIANA GAS ROSS #1	CLARK	GR93 1S	7E	482	----	1608	KNOX				147 335	808 -326		942 -460	1479 -997			
121	29919	INDIANA GAS COUCH #1	CLARK	GR113 1S	7E	542	----	1499	KNOX					845 -303		977 -435	1444 -902			
122	30857	INDIANA GAS GARVEY #4	CLARK	GR92 1S	7E	547	----	1492	KNOX			55 492	200 347	838 -291		970 -423	1435 -888			
123	31678	INDIANA GAS OGLESBY #1-S-3	CLARK	GR113 1S	7E	518	----	1650	KNOX				64 454	211 307	868 -350		990 -472	1472 -954		
124	32255	INDIANA GAS GARVEY #7-S-9	CLARK	GR92 1S	7E	530	----	1501	KNOX			35 495	187 343	820 -290		955 -425	1440 -910			
125	32301	INDIANA GAS COUCH #5-S-10	CLARK	GR113 1S	7E	514	----	1501	KNOX			50 464	210 304	828 -314		960 -446	1480 -966			
126	32794	INDIANA GAS COUCH #6-S-11	CLARK	GR113 1S	7E	548	----	1528	KNOX				65 483	210 338	856 -308		990 -442	1488 -940		
127	32815	INDIANA GAS GARVEY #8-S-12	CLARK	GR92 1S	7E	541	----	1535	KNOX				58 483	200 341	840 -299		980 -439	1508 -967		
128	33195	INDIANA GAS SCHLOSSER #4-S-13	CLARK	GR92 1S	7E	538	----	1401	BLACK			48 490	189 349	833 -295		958 -420				
129	33331	INDIANA GAS SCHLOSSER #5-S-14	CLARK	GR92 1S	7E	518	----	1468	KNOX			41 477	177 341	827 -309		960 -442	1460 -942			
130	33486	INDIANA GAS FRIEND #3-S-15	CLARK	GR92 1S	7E	529	----	1564	KNOX			49 480	196 333	856 -327		985 -456	1517 -988			
131	33687	INDIANA GAS NABB #9-S-16	CLARK	GR92 1S	7E	546	----	1220	BLACK			60 486	198 348	848 -302		980 -434				
132	33858	INDIANA GAS COUCH #2-S-5	CLARK	GR113 1S	7E	543	----	1525	KNOX			40 503	190 353	850 -307		1020 -477	1480 -937			
133	33871	INDIANA GAS NABB #6-S-8	CLARK	GR93 1S	7E	523	----	1522	KNOX			34 489	176 347	817 -294		949 -426	1400 -877			
134	33872	INDIANA GAS SCHLOSSER #3-S-7	CLARK	GR92 1S	7E	527	----	1569	KNOX			45 482	185 342	830 -303		960 -433	1519 -992			
135	03614	REAGAN LUTHER #1	CLAY	19 10N	6W	570	----	3200	CHAZYA	1549 -979	1668 -1098	1686 -1116	2233 -1663		2555 -1985	2712 -2142				
136	42099	BUTTERCUP ENERGY PENSINGER #1	CLAY	32 10N	6W	595	----	6751	MOUNT	1564 -969	1680 -1085	1705 -1110	2235 -1640	2560 -1965	2715 -2120		3230 -2635	5258 -4663	6222 -5627	
137	18900	SHEETS FISHER #1	CLINTO	07 20N	1E	897	----	1625	CHAZYA				683 214		1118 -221	1278 -381				
138	24883	CONTINENTAL OIL FERREL #1	CLINTO	36 22N	1E	900	----	1603	KNOX				597 303		1074 -174	1238 -338	1594 -694			
139	11480	ROGGENKAMP SMITH #1	CRAWFO	11 2S	2W	546	----	2740	BLACK	1457 -911		1580 -1034	2006 -1460		2588 -2042	2621 -2075				
140	32638	ATKINS GRAY #2	CRAWFO	09 3S	1W	811	----	3025	BLACK	1700 -889		1800 -989	2190 -1379		2770 -1959	2780 -1969				
141	00190	MIDWEST DEV KEIFNER #1	DAVIES	02 2N	5W	510	----	3129	BLACK	1812 -1302		2040 -1530	2569 -2059		2979 -2469	3119 -2609				
142	27811	EASTERN U S OIL WALLACE #1	DAVIES	01 5N	5W	609	----	2849	BLACK	1600 -991		1750 -1141	2298 -1689		2678 -2069	2818 -2209				
143	01954	CENTRAL U S OIL BOBRINK #1	DEARBO	15 5N	1W	483	----	867	KNOX							340 143	854 -371			
144	02700	SEEVERS BRUCE #1	DEARBO	23 5N	2W	480	----	595	BLACK					140 340		352 128				
145	31933	O NEAL ASHBY #1	DEARBO	35 5N	2W	473	----	950	KNOX					130 343		345 128	930 -457			

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

PERMIT	OPERATOR FARM-WELL	COUNTY	LOCATION	ELEVATION				TD	TD FORM	DEPTH-SUBSEA ELEVATIONS										
				GL	KB					DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM
146 02390	CENTRAL U S OIL JOHNSON #1	DEARBO	36 5N 2W	492	----	435	BLACK							128 364		365 127				
147 19487	LYNN CLARK #1	DEARBO	10 6N 1W	802	----	1640	KNOX							463 339		690 112	1212 -410			
148 08388	REGIONAL DEV FOX #1	DEARBO	28 6N 1W	510	----	2415	KNOX									390 120	905 -395			
149 113644	DEARBORN DEV HORNBACK #1	DEARBO	11 6N 2W	905	----	2020	KNOX									805 100	1352 -447			
150 222886	CENTURY REALTY ACKERMAN #D13A-2716	DEARBO	03 7N 1W	905	----	821	BLACK						740 165			813 92				
151 222886	CENTURY REALTY STONE #D10A-2720	DEAR BO	11 7N 1W	798	----	695	BLACK						615 183			686 112				
152 222886	CENTURY REALTY MCQUEEN #1-2788	DEARBO	12 7N 1W	572	----	486	BLACK						381 211			452 120				
153 222886	CENTURY REALTY DARE #1-2702	DEARBO	13 7N 1W	604	----	498	BLACK						402 202			490 114				
154 38443	SEEVERS,INC SEEMERS,ING #1	DEARBO	33 7N 2W	920	----	1067	BLACK						790 130			865 55				
155 37046	BAXTER RICHARDSON #1	DECATU	34 9N 8E	787	----	1060	BLACK								894 -107					
156 36869	INDIANA GAS RAMER #74	DECATU	12 9N 9E	903	----	1589	KNOX								870 33	960 -57	1450 -547			
157 35473	BRETT SMILEY #1	DECATU	10 10N 8E	843	----	1000	BLACK					35 808	95 748		864 -21	955 -112				
158 35671	BRETT SMILEY #15	DECATU	10 10N 8E	834	----	982	BLACK								866 -32					
159 35128	SHAWNEE OIL BRADEN #1	DECATU	11 10N 8E	862	----	1672	KNOX						110 752		875 -13	981 -119	1455 -593			
160 35472	BRETT MEYRS #14	DECATU	11 10N 8E	844	----	1000	BLACK					40 804	100 744		866 -22	960 -116				
161 35124	SHAWNEE OIL MEYER #1	DECATU	14 10N 8E	832	----	1630	KNOX						90 742		854 -22	963 -131	1435 -603			
162 35470	BRETT SMILEY #5	DECATU	14 10N 8E	831	----	982	BLACK						91 740		859 -28	960 -129				
163 35471	BRETT SMILEY #13	DECATU	14 10N 8E	828	----	980	BLACK								858 -30					
164 35122	SHAWNEE MIERS #2	DECATU	15 10N 8E	832	----	1690	KNOX						110 722		874 -42	977 -145	1450 -618			
165 35670	BRETT TEMPLTON #1	DECATU	15 10N 8E	839	----	1610	KNOX					40 799	100 739		871 -32	970 -131	1440 -601			
166 35123	SHAWNEE OIL JOHNSON #1	DECATU	22 10N 8E	822	----	1030	BLACK								866 -44	968 -146				
167 35406	BRETT KIRTMAN #4	DECATU	23 10N 8E	818	----	980	BLACK						105 713		856 -38	955 -137				
168 35213	SHAWNEE OIL CALENDER #1	DECATU	24 10N 8E	858	----	1095	BLACK								876 -18	971 -113				
169 104954	DECATUR OIL CO CLARK # ---	DECATU	23 10N 10E	996	----	3055	KNOX								910 86					
170 104975	IND GEOL SUR NEWPOINT #SDH-124	DECATU	08 10N 11E	942	----	949	BLACK								864 78	933 9				
171 29547	GULF OIL CORP. OSBORN #1	DECATU	33 12N 11E	1048	1061	1775	KNOX						135 926		975 86	1054 7	1529 -468			
172 31126	CARMAX IND SLIGER #1	DEKALB	17 34N 12E	945	----	2251	BLACK						553 392	700 245	1370 -425	2035 -1090	2249 -1304			
773 22120	RUNYAN SWARTZ & LUMM #1	DEKALB	22 34N 13E	881	----	2514	KNOX						483 398	622 259	1298 -417	1991 -1110	2202 -1321	2470 -1589		
174 40517	SOUTHERN ILL INLOW #1	DEKALB	34 34N 13E	883	----	2361	BLACK						431 452	565 318	1254 -371	1944 -1061	2158 -1275			

DATA BASE FOR DEEP WELLS IN INDIANA

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

10

DATA BASE FOR DEEP WELLS IN INDIANA

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION		ELEVATION			TD	TD FORM	DEPTH-SUBSEA ELEVATIONS											
					GL	KB				DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAMB	
175	17765	FERRUM OIL CO. GRAMLING #1	DEKALB	04	35N	13E	1009	----	2604	BLACK	713 296		895 114	1607 -598	2284 -1275	2514 -1505					
176	100226	DEKALB-STEUBEN OIL MILKS #1	DEKALB	05	35N	13E	995	----	2960	KNOX	698 297		888 107	1635 -640	2327 -1332		2850 -1855				
177	08853	ROMER EXP DILLEY #1	DEKALB	06	35N	13E	987	----	2555	BLACK	678 309				2280 -1293	2497 -1510					
178	27866	NORTH AMER DRLG CONRAD #1	DEKALB	11	35N	13E	970	983	2832	KNOX	690 293		873 110	1605 -622	2307 -1324	2540 -1557	2772 -1789				
179	24008	WARREN RIEKE #1	DEKALB	30	35N	14E	915	----	2491	BLACK	599 316		780 135	1470 -555	2173 -1258	2392 -1477					
180	17421	BALDWIN BURKHART #1	DEKALB	05	35N	15E	908	----	2551	BLACK	597 311		781 127	1556 -648	2296 -1388	2523 -1615					
181	14506	LECKLITNER SWINGLEY #1	DELAWA	11	20N	11E	991	----	1300	BLACK					970 21						
182	14652	VAN BUREN OIL CO HOOKER #1	DELAWA	24	19N	10E	1054	----	1302	BLACK					971 83	1110 56					
183	42637	FARRAR OIL CO HARRIS #1	DELAWA	14	19N	11E	1044	----	2100	KNOX					1100 -56	1312 -268	1774 -730				
184	29511	HARRIS NEWMAN #1	DELAWA	07	20N	9E	912	----	1431	KNOX					909 3	1064 -152	1367 -455				
185	14443	RYAN OIL CO KEESLING #1	DELAWA	28	20N	10E	953	----	1250	BLACK			219 734		913 40	1063 -110					
186	13346	HANLIN MURRELL #1	DELAWA	02	20N	11E	984	----	1242	BLACK					964 20	1093 109					
187	29143	MURRAY & WIGNER COY #1	DELAWA	02	20N	11E	979	----	1775	KNOX			204 775		950 29	1100 -121	1437 -458				
188	13650	DAVIS MACDONALD #1	DELAWA	04	20N	11E	987	----	1229	BLACK					948 39	1091 104					
189	15754	MOORE & BAGGETT MARTIN #1	DELAWA	09	20N	11E	982	----	1263	BLACK					914 68						
190	15125	MOORE & BAGGETT STOWE & CHLOE #1	DELAWA	10	20N	11E	985	----	1216	BLACK			235 750		924 61	1061 -76					
191	32168	BAGGETT & MOORE JONES #2	DELAWA	10	20N	11E	996	----	1259	BLACK					942 sa						
192	42394	CARDINAL EXPLOR DRAGOO #1	DELAWA	10	20N	11E	1001	----	1237	BLACK					947 54						
193	42458	KERN KERN #3	DELAWA	10	20N	11E	992	----	1210	BLACK					929 63						
194	13618	HARRIS OIL HARRIS #1	DELAWA	11	20N	11E	1006	----	1287	BLACK			280 726		970 36	1110 -104					
195	02481	WEILDER LEEKA #1	DELAWA	13	20N	11E	1025	----	1290	BLACK			225 800		950 75	1128 -103					
196	02572	WEILDER LEEKA #2	DELAWA	13	50N	11E	1012	----	1760	KNOX					947 65	1086 -74	1342 -330				
197	13818	LECKLITNER JONES #1	DELAWA	13	50N	11E	1029	----	1310	BLACK					1000 29						
198	15569	DILLMAN DRILLING LEEKA #1	DELAWA	13	20N	11E	1020	----	1237	BLACK					950 70						
199	13821	EASTER HUFFMAN #1	DELAWA	15	20N	11E	1011	----	1244	BLACK					968 43	1101 90					
200	15448	MOORE & BAGGETT NOEK ET AL #1	DELAWA	15	20N	11E	1005	----	1274	BLACK					964 41						
201	13791	STONE KEESLING #1	DELAWA	18	20N	11E	975	----	1218	BLACK			191 784		918 57	1059 -84					
202	16759	BAGGETT LADURON #1	DELAWA	18	20N	11E	970	----	2505	EAU CL			169 801		890 80	1025 -55	1299 -329	2489 -1519			
203	35676	KEESLING KEESLING #2	DELAWA	18	20N	11E	976	----	1227	BLACK					923 53						

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION	ELEVATION				TD	TD FORM	DEPTH-SUBSEA ELEVATIONS							
				GL	KB	TD	TD FORM			DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX
204	13627	UNGER AUTHER #1	DELAWA	23	20N	11E	1019	----	1395	BLACK					966 53		
205	15190	SINNOCK DUDLEY #1	DELAWA	23	20N	11E	1001	----	1246	BLACK					959 42		
206	23107	ARTHUR ARTHUR #2	DELAWA	23	20N	11E	1026	----	1265	BLACK			237 789		982 44	1118 -92	
207	13765	UNGER LEEKA #1	DELAWA	24	20N	11E	1014	----	1273	BLACK					973 41		
208	14228	SINNOCK WATSON #1	DELAWA	24	20N	11E	996	----	1218	BLACK			180 816		942 54	1080 -84	
209	39016	BAGGETT JACKSON #3	DELAWA	24	20N	11E	1006	----	1683	KNOX					930 76		1300 -294
210	14748	DEL-OIL DEVELOP CLINE #1	DELAWA	26	20N	11E	1000	----	1224	BLACK			180 820		939 61	1068 -68	
211	43127	RAYBURN SMOOT #1	DELAWA	28	20N	11E	999	----	1212	BLACK			190 809		937 62	1065 -66	
212	13961	WORTH LAMB #1	DELAWA	34	20N	11E	994	----	1215	BLACK			185 809		954 40	1079 -85	
213	14133	K-D DEVELOPMENT KEELSING #1	DELAWA	19	21N	9E	900	----	1165	BLACK			210 690		870 30	1020 -120	
214	39577	TRENTON ENERGY TURNER #1	DELAWA	07	21N	10E	912	----	1566	KNOX					896 15	1059 -147	1330 -418
215	13426	JOHNSON ET AL WINGATE #1	DELAWA	17	21N	11E	951	----	1233	BLACK			237 714		929 22	1100 -149	
216	43082	DELCO PETROLEUM FOWLER #82-A	DEL7WA	17	21N	11E	947	----	1270	BLACK					919 28		
217	14238	MURVIN & STEBER STRONG #1	DELAWA	25	21N	11E	972	----	1243	BLACK			198 774		948 24	1091 -119	
218	40797	KING-MCANINCH SHREVE #1	DELAWA	30	21N	11E	958	----	1285	BLACK					916 42		
219	41460	KING-MCANINCH SHREVE #1-N	DELAWA	30	21N	11E	958	----	1257	BLACK			370 588		919 39	1048 -90	
220	41671	KING-MCANINCH SHREVE #2	DELAWA	30	21N	11E	960	----	1280	BLACK			270 690		930 30	1060 -100	
221	42701	DUFF OIL CO BROWN #1	DELAWA	30	21N	11E	954	----	2028	KNOX					938 16	1080 -126	1406 -452
222	35890	HOTTINGER HOTTINGER #2	DELAWA	36	21N	11E	978	----	1203	BLACK					915 63		
223	38416	TRENTON ENERGY BROYLES #1	DELAWA	36	22N	8E	885	----	1508	KNOX			240 645		925 -40	1085 -200	1425 -540
224	18231	STANLEY MANN #1	DELAWA	21	22N	11E	924	----	1241	BLACK					915 9	1060 -136	
225	02889	TEXAS CO LUEBBEHUSEN #1	DUBOIS	35	3S	5W	568	----	3803	BLACK	2253 -1685	2540 -1972	3188 -2620		3685 -3117	3714 -3146	
226	29253	COMANCHE OIL HIRE #1	ELKHAR	34	35N	7E	857	863	2517	KNOX	396 457	580 283	1160 -297		1744 -881	1950 -1087	2145 -1282
227	38360	CHASE OIL CORP COACHMEN INDUST #3	ELKHAR	03	37N	7E	826	----	2789	KNOX	660 166	870 -44	1490 -664		2075 -1249	2310 -1484	2530 -1704
228	29973	GULF OIL CORD TATE #1	FAVETT	04	13N	12E	919	----	1451	KNOX					810 109	865 54	1322 -403
229	29731	GULF OIL CORP BUNZENDAHL #1	FAVETT	20	13N	12E	825	837	1500	KNOX					792 45	860 -23	1324 -487
230	29052	GULF OIL CORP SCOTT N1	FAVETT	32	13N	13E	946	959	3955	PRECAM					896 63	925 34	1405 -446
231	18747	WEILER SCHOENFELD #1	FAVETT	21	14N	12E	941	----	1382	KNOX					809 132	880 61	1325 -384
232	30547	KUBAT CALDWELL #1	FAYETT	32	15N	12E	1040	----	1487	KNOX					896 144	989 51	1432 -392

DATA BASE FOR DEEP WELLS IN INDIANA

DATA BASE FOR DEEP WELLS IN INDIANA--Continued

	PERMIT	OPERATOR	COUNTY		LOCATION	ELEVATION			TD	TD FORM	DEPTH-SUBSEA ELEVATIONS									
		FARM-WELL#				GL	KB	DEV LS			GENEV	SUL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM
233	03503	CHENAULT ET AL SCHARF #1	FLOYD	28	1S	5E	727	----	2241	KNOX	619 108	693 34	900 -173	1567 -840	1623 -896	2107 -1380				
234	10482	STOLL SCHERZINGER #1	FLOYD	16	3S	6E	450	----	1730	CHAZYA	169 281		380 70	1022 -572	1143 -693					
235	04202	ALDRIDGE-BANTA BODINE #1	FOUNTA	16	19N	8W	651	----	2417	KNOX	910 -259	988 -337	1466 -815	1766 -1115	1926 -1275	2327 -1676				
236	19587	CRAWFORD GALLOWAY #1	FOUNTA	22	20N	8W	652	----	3758	IRONTO	844 -192	921 -269	1390 -738	1675 -1023	1844 -1192	2250 -1598				
237	02915	FOUNTAIN OIL BILSAND #1	FOUNTA	22	20N	9W	532	----	2215	CHAZYA	818 -286		1397 -865	1676 -1144	1832 -1300					
238	23849	CONTINENTAL OIL KNOWLES #1	FOUNTA	32	21N	7W	648	----	2175	KNOX	721 -73	798 -150	1265 -617	1570 -922	1735 -1087	2124 -1476				
239	06821	RATCLIFF YOUNG #1	FOUNTA	23	21N	8W	565	----	1788	BLACK	636 -71	752 -187	1190 -625	1482 -917	1660 -1095					
240	23844	CONTINENTAL OIL SIMS #1	FOUNTA	29	22N	6W	698	----	1907	KNOX	518 180	569 129	1007 -309	1330 -632	1493 -795	1869 -1171				
241	13097	CARTER OIL CO VESTER#1	FOUNTA	33	22N	7W	520	----	1626	BLACK	454 66	522 -2	1015 -495	1320 -800	1485 -965					
242	42613	FARRAR OIL CO LOSEKAMP FARMS #1	FRANKL	09	8N	1W	986	----	1804	KNOX				840 146	912 74	1434 -448				
243	25996	FISHER FISHER #1	FRANKL	10	10N	11E	950	----	920	BLACK					874 76	913 37				
244	29101	GULF OIL CORP LAMPING #1	FRANKL	29	11N	12E	747	759	3470	MOUNT				720 39	760 -1	1254 -495	2931 -2172	3386 -2627		
245	29100	GULF OIL CORP LOHREY #1	FRANKL	03	11N	13E	706	717	3336	MOUNT				637 80	670 47	1147 -430	2786 -2069	3237 -2520		
246	29232	GULF OIL CORP DENNY #1	FRANKL	08	12N	12E	948	959	1594	KNOX			58 901	949 10	1000 -41	1472 -513				
247	07048	FRANKLIN COUNTY FRANKLIN COUNTY #1	FRANKL	36	12N	12E	675	----	783	BLACK				645 30	693 -18					
248	33678	NIPSCO BURNS #1	FULTON	16	29N	1E	774	----	3175	MOUNT		708 66		1032 -258	1205 -431	1455 -681	2281 -1507	2870 -2096		
249	29391	NIPSCO MORPHET #1	FULTON	17	29N	1E	758	----	3023	MOUNT		630 128		1010 -252	1200 -442	1440 -682	2258 -1500	2852 -2094		
250	22247	NIPSCO DAILEY #1	FULTON	19	29N	1E	738	----	1428	KNOX		605 133		965 -227	1165 -427	1405 -667				
251	33674	NIPSCO TODD#O-121	FULTON	19	29N	1E	735	----	3150	MOUNT		643 92		987 -252	1770 -435	1410 -675	2242 -1507	2838 -2103		
252	27589	NIPSCO HENDRICKSON #1	FULTON	20	29N	1E	747	----	1428	KNOX				987 -240						
253	31615	NIPSCO SOMMERS #2	FULTON	20	29N	1E	740	----	3000	MOUNT		615 125		959 -219	1155 -415	1380 -640	2192 -1452	2797 -2057		
254	33680	NIPSCO SOMMERS #O-44	FULTON	20	29N	1E	739	745	1408	KNOX		610 135		968 -223		1385 -640				
255	32424	NIPSCO SADLER #1	FULTON	21	29N	1E	751	----	3200	MOUNT		714 37		1080 -329	1254 -503	1500 -749	2384 -1633	2968 -2217		
256	38190	NIPSCO VANMETER #O-127	FULTON	21	29N	1E	742	----	3038	MOUNT		595 147		975 -233	1195 -453	1421 -679	2196 -1454	2803 -2061		
257	22095	NIPSCO SOMMERS #1	FULTON	29	29N	1E	750	----	1456	KNOX		605 45		1005 -255						
258	28291	NIPSCO THOMAS #2	FULTON	29	29N	1E	747	758	1411	KNOX		572 186		933 -186	1125 -367	1380 -622				
259	28358	NIPSCO SOMMERS #2	FULTON	29	29N	1E	743	----	1418	KNOX		580 163		980 -237	1160 -417	1390 -647				
260	31737	NIPSCO THOMAS #4	FULTON	29	29N	1E	754	----	3130	MOUNT				951 -197	1132 -378	1390 -636	2176 -1422	2774 -2020		
261	31864	NIPSCO THOMAS #2	FULTON	29	29N	1E	741	755	3115	MOUNT		613 142		959 -204	1128 -373	1375 -620	2177 -1436	2776 -2035		

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION			ELEVATION			TD FORM	DEPTH-SUBSEA ELEVATIONS										
						GL	KB	TD		DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM
262	32960	NIPSCO SOMMERS #3	FULTON	29	29N	1E	743	----	3125	MOUNT			600 143		993 -250	1197 -454	1435 -992	2222 -1479	2812 -2069	
263	33171	NIPSCO THOMAS #1	FULTON	29	29N	1E	739	744	1400	KNOX			560 184		947 -208	1134 -390	1382 -638			
264	33670	NIPSCO THOMAS #S-134	FULTON	29	29N	1E	746	----	3090	MOUNT					939 -193			2176 -1430	2771 -2025	
265	33671	NIPSCO THOMAS #O-124	FULTON	29	29N	1E	746	----	3117	MOUNT			578 168		950 -204	1175 -429	1402 -656	2180 -1434	2771 -2025	
266	33675	NIPSCO SOMMERS #1	FULTON	29	29N	1E	738	----	3110	MOUNT			618 120		953 -215			2175 -1437	2782 -2044	
267	36855	NIPSCO THOMAS #S-140	FULTON	29	29N	1E	745	----	3130	MOUNT			595 150		964 -219	1140 -395	1403 -658	2166 -1421	2770 -2025	
268	37762	NIPSCO THOMAS #S-146	FULTON	29	29N	1E	738	750	3090	MOUNT					953 -203			2182 -1444	2781 -2043	
269	37763	NIPSCO THOMAS #S-147	FULTON	29	29N	1E	743	756	3068	MOUNT					956 -200			2175 -1432	2782 -2039	
270	41131	NIPSCO THOMAS #S-53	FULTON	29	29N	1E	748	----	1396	KNOX					937 -189		1366 -618			
271	29412	NIPSCO PFEIL #1	FULTON	30	29N	1E	749	763	3061	MOUNT			612 151		946 -197	1153 -390	1398 -635	2180 -1431	2779 -2030	
272	30660	NIPSCO PFEIL #2	FULTON	30	29N	1E	748	----	2844	MOUNT					948 -200			2183 -1435	2782 -2034	
273	30661	NIPSCO PFEIL #3	FULTON	30	29N	1E	749	----	2770	EAU CL					952 -203			2188 -1439		
274	30939	NIPSCO PFEIL #4	FULTON	30	29N	1E	749	763	2618	EAU CL					949 -200			2184 -1435		
275	33676	NIPSCO DAILY #2	FULTON	30	29N	1E	739	----	3053	MOUNT			560 179		948 -209	1155 -416	1385 -646	2185 -1466	2791 -2052	
276	36117	NIPSCO DAILY #1	FULTON	30	29N	1E	740	---	1421	KNOX			575 165		945 -205	1133 -393	1369 -629			
277	36606	NIPSCO HASELBY #S-141	FULTON	30	29N	1E	741	----	3022	MOUNT					945 -204			2179 -1438	2775 -2034	
278	36607	NIPSCO DAILY #S-142	FULTON	30	29N	1E	739	----	3045	MOUNT					942 -203			2186 -1447	2783 -2044	
279	23517	NIPSCO LEFFEL #2	FULTON	31	29N	1E	745	----	1381	KNOX			575 170		952 -207	1130 -385	1370 -625			
280	23520	NIPSCO HENDEE #1	FULTON	31	29N	1E	746	----	1395	KNOX			555 191		940 -194		1375 -629			
281	26878	NIPSCO HASELBY #6	FULTON	31	29N	1E	749	761	1411	KNOX			590 171		953 -204	1131 -370	1380 -619			
282	26880	NIPSCO HASELBY #7	FULTON	31	29N	1E	746	----	1402	KNOX					954 -208		1347 -601			
283	26881	NIPSCO SOMMERS #3	FULTON	31	29N	1E	744	756	1399	KNOX			570 186		945 -189	1122 -366	1371 -615			
284	28134	NIPSCO HIATT #3	FULTON	31	29N	1E	749	----	1414	KNOX					936 -187					
285	28196	NIPSCO HASELBY #9	FULTON	31	29N	1E	743	----	1422	KNOX					941 -198					
286	31128	NIPSCO THOMAS #1	FULTON	31	29N	1E	744	----	1431	KNOX					948 -204		1390 -646			
287	31846	NIPSCO HASELBY #19	FULTON	31	29N	1E	746	----	3126	MOUNT			579 167		954 -208	1144 -398	1395 -649	2185 -1439	2782 -2036	
288	32999	NIPSCO HASELBY #20	FULTON	31	29N	1E	736	----	3100	MOUNT			580 156		925 -189	1124 -388	1390 -654	2167 -1431	2766 -2030	
289	33172	NIPSCO HASELBY #10	FULTON	31	29N	1E	744	----	1419	KNOX					942 -198					
290	33669	NIPSCO HENDEE #S-135	FULTON	31	29N	1E	746	----	3102	MOUNT					945 -199			2177 -1431	2778 -2032	

DATA BASE FOR DEEP WELLS IN INDIANA

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

14

PERMIT	OPERATOR FARM-WELL#	COUNTY		LOCATION	ELEVATION			TD	TD FORM	DEPTH-SUBSEA ELEVATIONS												
					GL	KB				DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM		
291	33673	NIPSCO CUNNINGHAM #S-136	FULTON	31	29N	1E	742	----	3200	MOUNT				605		944	1122	1381	2188	2791		
													137		-202	-380	-639	-1447	-2049			
292	36118	NIPSCO HENDEE #2	FULTON	31	29N	1E	745	----	1386	KNOX						947						
																-202						
293	37039	NIPSCO GETZ #S-143	FULTON	31	29N	1E	745	----	3060	MOUNT						942			2176	2777		
																-197			-1431	-2032		
294	37655	NIPSCO SCHNAPF #S-144	FULTON	31	39N	1E	745	----	3078	MOUNT									2170	2766		
																		-1425	-2021			
295	21999	NIPSCO BROWN #1	FULTON	32	29N	1E	750	----	1410	KNOX						946	1120	1395				
																-198	-370	-645				
296	28312	NIPSCO PFEIL #1	FULTON	32	29N	1E	744	757	3496	MOUNT			556		925	1105	1355		2168	2767		
													201		-181	-348	-598		-1424	-2023		
297	29147	NIPSCO WEBB #2	FULTON	32	29N	1E	755	----	3158	MOUNT				685		1074	1270	1505	2408	2994		
													70		-318	-515	-750		-1653	-2239		
298	31264	NIPSCO PFEIL #6	FULTON	32	29N	1E	748	----	2996	MOUNT			550		936	1172	1370		2178	2775		
													198		-188	-424	-622		-1431	-2027		
299	31717	NIPSCO HIATT #6	FULTON	32	29N	1E	738	----	3175	MOUNT				585		973	1157	1413		2232	2823	
													153		-235	-419	-675		-1494	-2085		
300	33672	NIPSCO PHEIL #2	FULTON	32	29N	1E	750	----	4056	PRECAM				545		928	1118	1350		2170	2771	3912
													205		-178	-368	-600		-1420	-2021	-3162	
301	37654	NIPSCO HASELBY	FULTON	32	29N	1E	749	----	3075	MOUNT									2174	2770		
																			-1425	-2021		
302	24783	CONTINENTAL OIL GOHN #1	FULTON	14	30N	2E	763	----	1507	KNOX				610		1042		1467				
													153		-278		-704					
303	24059	CONTINENTAL OIL KRAFFT #1	FULTON	14	31N	1E	745	----	1580	KNOX				243		1096	1304	1524				
													502		-351	-559	-779					
304	24092	CONTINENTAL OIL BURKETT #1	FULTON	12	31N	2E	886	----	1709	KNOX				336		1240	1442	1648				
													550		-354	-556	-762					
305	36684	MESSMAN PALLEY #3	GIBSON	D.79	1N	10W	529	----	5019	BLACK				3305		4245	4472	4800	4949			
													-2776		-3716	-3943	-4271	-4420				
306	02761	BROWN BINGHAM #1	GIBSON	16	1S	11W	398	----	6198	CHAZYA				3756		4380	4960	5306	5460			
													-3358		-3982	-4562	-4908	-5062				
307	31989	SKILES SULLIVAN #C-2	GIBSON	12	2S	12W	391	----	5586	BLACK				3903		4510	5097	5440	5580			
													-3512		-4119	-4706	-5048	-5189				
308	03547	CONTINENTAL OIL COOPER ESTATE #1-D	GIBSON	13	3S	14W	376	----	6408	BLACK				4632		5320	5867	6167	6297			
													-4256		-4944	-5491	-5800	-5921				
309	15168	GOULD LEE #1	GRANT	06	22N	7E	888	----	1430	KNOX				339		940	1102	1382				
													549		-52	-214	-494					
310	114092	MORRIS PAYNE #1	GRANT	05	22N	8E	882	----	1118	BLACK						953	1112					
																-71	-230					
311	41288	MAPCO HAISLEY #1	GRANT	14	23N	7E	864	----	1445	KNOX				272		896	1052	1285				
													592		-32	-188	-421					
312	41363	MAPCO HEINLEIN #1	GRANT	15	23N	9E	911	----	1525	KNOX				334		954	1130	140				
													577		-43	-219	-499					
313	41774	MAPCO VICTOR & HIMELICK #1	GRANT	17	23N	9E	832	----	1467	KNOX						898	1100	1410				
																-66	-268	-578				
314	29516	LOWRY VINNEDGE #1	GRANT	15	24N	6E	851	----	2250	DAVIS				390		950	1125	1459	2240			
													461		-98	-274	-608	-1388				
315	29558	LOWRY BARTELS #1	GRANT	33	24N	7E	859	----	2250	DAVIS						920						
																-61						
316	41604	MAPCO STAIR #1	GRANT	14	24N	8E	884	----	1485	KNOX						970	1138	1380				
																-86	-254	-496				
317	26986	S. S. S. CO RYAN #1	GRANT	22	24N	8E	864	----	1552	KNOX				311		948	1111	1380				
													553		-85	-247	-496					
318	41467	MAPCO JOHNSON #1	GRANT	28	24N	8E	851	----	1463	KNOX						918	1087	1362				
																-67	-236	-511				
319	41383	HODGE ALLEN FARMS #15-1	GRANT	15	24N	9E	867	----	2084	KNOX				290		963	1135	1450				
													577		-96	-268	-583					

DATA BASE FOR DEEP WELLS IN INDIANA

DATA BASE FOR DEEP WELLS IN INDIANA-continued

OPERATOR										ELEVATION		DEPTH-SUBSEA ELEVATIONS									
PERMIT	FARM-WELL#	COUNTY	LOCATION	GL	KB	TD	TD FORM	DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM			
320	14298	SLAGTER OLYNGER #1	GRANT	27	24N	9E	874	----	1260	BLACK				300 574	946 -72	1109 -235					
321	38717	ATOMIC OIL CORP BROWN #1	GRANT	13	25N	6E	830	----	1210	BLACK				348 482	910 -80	1080 -250					
322	06244	VAN HORN WOODMANSIE #1	GRANT	22	25N	6E	820	----	1238	BLACK				330 490	910 -90	1001 -261					
323	17056	COLLIN MARCUCELLI #1	GRANT	36	25N	7E	847	----	1336	CHAZYA				343 504	944 -97	1115 -268					
324	29079	MILLER-PIERONI LOSURE #1	GRANT	24	25N	8E	866	----	1885	KNOX				366 500	990 -124	1146 -280	1460 -594				
325	41287	MAPCO LOSURE FARMS #1	GRANT	25	25N	8E	864	----	1536	KNOX					954 -90	1120 -256	1400 -536				
326	31279	ATOMIC OIL CORP MARTIN #1	GRANT	35	25N	8E	882	----	1430	CHAZYA				360 522	980 -98	1150 -268					
327	31596	PATRICK PET. KIRKPATRICK #1-A	GRANT	22	25N	9E	842	----	1506	KNOX					960 -118						
328	36022	CITIZENS GAS ROLLISON #9	GREENE	08	6N	5W	552	568	6785	MOUNT	1545 -977	1645 -1077	1685 -1117	2405 -1837	2730 -2162	2890 -2322	3442 -2874	6080 -5512	6654 -6086		
329	36054	LAMAE DRILLING BENHAM #2	GREENE	18	6N	5W	527	532	2945	BLACK	1587 -1055	1690 -1158	1742 1210	2420 -1888	2776 -2244	2937 -2405					
330	23944	CITIZENS GAS HUDSON #1	GREENS	04	7N	5W	557	560	3214	CHAZYA	1512 -952	1631 -1074	1660 -1103	2196 -1639	2522 -1965	2669 -2112					
337	40303	TALBOTT RESLER #T-29	GREENS	30	8N	3W	716	726	2470	BLACK	1314 -588	1455 -729	1494 -768	1915 -1189	2299 -1573	2459 -1733					
332	06936	WHITAKER & DYER SHARR #1	GREENS	10	8N	4W	539	----	2394	BLACK	1266 -727	1372 -833	1397 -858	1840 -1301	2201 -1662	2356 -1817					
333	22301	CITIZENS GAS ROWS #1	GREENS	01	8N	7W	540	545	3527	KNOX	1703 -1158		2470 -1930	2806 -2266	2968 -2428	3508 -2968					
334	32186	STEINMETZ STEINMETZ #1	HAMILT	33	18N	5E	818	----	1202	BLACK					875 -57	1025 -207					
335	01309	HAMILTON COUNTY MELSON #2	HAMILT	13	19N	3E	916	----	1550	KNOX			530 386		1030 -114	1204 -288	1520 -604				
336	29943	GRAY GRAY #1	HAMILT	07	19N	6E	814	----	1602	KNOX			268 546		863 -49	1015 -201	1403 -589				
337	28321	WILLIAMS COPELAND #1	HANCOC	29	16N	7E	900	----	1752	KNOX		185 715	208 692	368 532	989 -89	1117 -217	1458 -558				
338	29135	HANCOCK DEVELOP MOORE #3	HANCOC	29	16N	7E	893	----	1541	KNOX		180 713	219 674	360 533	996 -103	1131 -238	1528 -635				
339	29082	WILLIAMS MOORE #2	HANCOC	32	16N	7E	893	----	1150	BLACK		198 695	225 668		1003 -110	1135 -242					
340	28029	KELLY: ETAL BRADDOCK #2	HANCOC	18	16N	8E	936	----	2069	KNOX		168 768	193 743	345 591	997 -61	1134 -198	1542 -606				
341	34467	CARRAWAY OLSON #1	HANCOC	25	17N	5E	861	----	1500	CHAZYA			185 676	406 455	986 -125	1125 -264					
342	29500	BLACK RIVER PET. VAIL #1	HANCOC	26	17N	5E	855	----	1531	KNOX			342 513		923 -68	1068 -213	1475 -620				
343	29811	HILLIGOSS CORP. HILLIGOSS CORP. #1	HANCOC	30	17N	6E	863	----	1761	KNOX		195 668	220 643	404 459	1000 -137	1140 -277	1545 -682				
344	10170	STOLL LEONHARDT #1	HARRIS	36	2S	4E	823	----	2032	BLACK	773 50		840 -17	1060 -237	1700 -877	1810 -987					
345	31656	STROUD MILES #1	HARRIS	19	3S	4E	585	----	2418	KNOX	782 -197		857 -272	1087 -502	1699 -1114	1801 -1216					
346	05207	HAVES GROVE #1	HARRIS	11	4S	3E	648	----	2165	BLACK	910 -262		980 -332	1238 -590	1845 -1197	1942 -1294					
347	02104	HARRISON DEVEL. HOLIDAY #1	HARRIS	04	6S	4E	873	----	2000	BLACK	700 -27		724 -51	949 -276	1480 -807	1655 -982					
348	25818	HYSLOPE BISHOP #1	HENDRI	12	14N	1E	763	----	1972	KNOX	386 377	475 288	515 248	729 34	1219 -456	1365 -602	1805 -1042				

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

16

DATA BASE FOR DEEP WELLS IN INDIANA

OPERATOR										DEPTH-SUBSEA ELEVATIONS										
PERMIT	FARM-WELL#	COUNTY	LOCATION			ELEVATION		TD	TD FORM	DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM
349	14455	DOME-MINICK OIL HAYWORTH #1	HENDRI	05	14N	1W	868	----	1700	BLACK	687 181	774 94	804 64	1080 -212	1493 -625	1648 -780				
350	00891	GRIFFIN OIL CO. HOBBS NURSERY #1	HENDRI	17	15N	2E	762	----	1400	BLACK	352 410	435 327	465 297	655 107	1160 -398	1320 -558				
351	30314	MORAN NUGEN #1 (ST 3)	HENRY	25	16N	10E	1081	----	1560	KNOX					915 166	1055 26	1450 -369	2800 -1740	3318 -2258	3649 -2589
352	03215	OHIO OIL CO MAY #1	HENRY	12	16N	11E	1060	----	3664	PRECAM					869 191	1000 60	1370 -310			
353	09710	FARMERS & BUS OIL COBLE #1	HENRY	04	17N	9E	1052	----	1229	BLACK				321 731	1022 30	1146 -94				
354	07876	PHILLIPS HAGERMAN #1	HENRY	07	17N	10E	1036	----	1410	BLACK					960 76	1079 -43				
355	10369	TRENTON OIL CO. STEPHENS #1	HENRY	08	17N	10E	1057	----	1220	BLACK					959 98	1085 -28				
356	07825	BLUE RIVER DRLG WINTER #1	HENRY	16	17N	10E	963	----	1535	KNOX					860 103		1470 -507			
357	10139	BLUE RIVER DRLG. FORT #1	HENRY	20	17N	10E	1061	----	1379	BLACK				230 831	954 107	1100 -39				
358	31000	HORIZON OIL INC DRAPER #1-H	HENRY	30	17N	10E	1028	----	2090	KNOX				221 807	932 96	1070 -42	1494 -466			
359	13973	SINNOCK ITERMAN #1	HENRY	06	17N	11E	1083	----	1368	BLACK					960 123	1093 -10				
360	13974	SINOCK MCELROY #1	HENRY	25	18N	10E	1070	----	1301	BLACK					952 118	1079 -9				
361	13972	SINOCK SINOCK #1	HENRY	27	18N	10E	1015	----	1261	BLACK					943 72	1070 -55				
362	14875	VAN BURNEN OIL ELAM #1	HENRY	25	19N	10E	996	----	1235	BLACK				180 816	923 73	1055 -59				
363	110555	KOKOMO GAS GREENTOWN WELL #1	HOWARD	32	24N	5E	821	----	3996	PRECAM					924 -103		1351 -530	2345 -1524	3075 -2254	3945 -3124
364	28947	BANNISTER KEM #1	HUNTIN	01	26N	8E	814	822	1786	KNOX				375 477	984 -162	1160 -338	1473 -651			
365	35330	SIXBEY RALSTON #1	HUNTIN	02	26N	9E	820	----	1650	KNOX					988 -168	1155 -335	1396 -576			
366	34442	SCOTT KING #1	HUNTIN	17	26N	9E	838	----	1480	KNOX				370 468	982 -144	1160 -322				
367	25210	CONTINENTAL OIL DENNIS #1	HUNTIN	30	29N	10E	829	834	1636	KNOX				555 279	1187 -353	1374 -540	1625 -791			
368	34538	WHITMER SCHNEIDER #1	JACKSO	08	4N	4E	592	----	2105	KNOX	494 98	547 45	572 20	790 -198	1436 -844	1500 -908	2006 -1414			
369	03284	AETNA OIL CO TURKHORN #1	JACKSO	06	4N	5E	550	----	1503	BLACK	335 215		410 140	590 -40	1250 -700	1290 -740				
370	00344	SIOSICO ANDERSON #1	JACKSO	11	5N	2E	843	----	2475	KNOX	815 28		909 -66	1132 -289	1754 -911	1843 -1000	2340 -1497			
371	28253	HYDRO-CARBONS INC MOENING #1	JACKSO	09	5N	4E	535	----	2169	KNOX	384 151		440 95	634 -99	1291 -756	1370 -835	1870 -1335			
372	18871	JORDAN FLEETWOOD #1	JACKSO	36	7N	2E	561	----	1945	KNOX	431 130	500 61	532 29	738 -177	1347 -786	1440 -879	1925 -1364			
373	24960	NIPSCO ROBINSON #1	JASPER	03	29N	5W	678	----	1321	KNOX				585 93	875 -197	1045 -367	1290 -612			
374	32732	NIPSCO STEWART #1	JASPER	15	29N	5W	687	----	1393	KNOX				605 82	882 -195	1078 -391	1323 -636			
375	32760	NIPSCO OVERMYER FARMS #1	JASPER	16	29N	5W	693	----	3195	MOUNT			23 670	576 117	920 -227		1333 -640	2184 -1491	2791 -2098	
376	32904	NIPSCO ALBRECHT #1	JASPER	24	29N	5W	685	----	1097	BLACK			80 605		885 -200	1090 -405				
377	32591	RANDEK INC HOFFMAN #1	JASPER	07	31N	6W	690	----	1203	BLACK					932 -242	1120 -430				

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

378	29105	OPERATOR	COUNTY	LOCATION			ELEVATION		TD	TD FORM	DEV L S	GENEV	DEPTH-SUBSEA ELEVATIONS						EAU CL	MOUNT	PRECAM
		GL					KB	SIL					CIN	LEXING	TREN	BLACK	KNOX				
		NIPSCO MEZYDLO #1	JASPER	06	31N	7W	673	----	3105	MOUNT			145 528	680 -7	943 -270	1126 -453	1690 -1017	2185 -1512	2810 -2137		
379	30006	NIPSCO BOZEMAN #1	JASPER	06	31N	7W	668	----	3658	MOUNT			140 528	619 49	906 -238	1096 -428	1325 -657	2186 -1518	2807 -2139		
380	26537	JASPER COUNTY SIPKEMA#7	JASPER	21	31N	7W	688	----	1275	BLACK			60 628	715 -27	931 -243	1120 -432					
381	03378	KORFF FORSHEY #1	JAY	13	19N	1W	1110	----	1785	KNOX					1212 -102	1345 -235	1759 -649				
382	43178	ORION RESOURCES CHAMP #1	JAY	02	22N	12E	969	----	1585	KNOX				223 746	986 -17	1150 -181	1515 -546				
383	31590	GUNDERSON KNOTE #1	JAY	10	22N	12E	959	----	1508	KNOX				210 749	970 -11	1129 -170	1405 -446				
384	32422	MOSES AND STEWART SODDERS #1	JAY	22	22N	12E	950	----	1490	KNOX				189 761	943 7	1109 -159	1425 -475				
385	00258	LARAPPAUL OIL CO. LANDAUR #1	JAY	25	22N	12E	969	----	1390	KNOX					968 1	1128 -159	1313 -344				
386	29674	MOSES AND STEWART FRIDDLE #1	JAY	25	22N	12E	969	----	1475	KNOX				220 749	976 -7	1125 -156	1410 -441				
387	30242	MOSES AND STEWART CURTS #1	JAY	25	22N	12E	965	----	1456	KNOX				220 745	970 -5	1127 -162	1401 -436				
388	31157	MOSES AND STEWART CURTS #2	JAY	25	22N	12E	969	----	1452	KNOX				230 739	969 0	1130 -161	1360 -391				
389	32724	MOSES SHRACK #1	JAY	27	22N	12E	943	----	1435	KNOX				150 793	917 26	1075 -132	1323 -380				
390	38325	PREMIER OIL LTD. WILLMAN #1	JAY	35	22N	12E	972	----	1635	KNOX					970 2	1135 -163	1525 -553				
391	15752	FLESHER PETERS #1	JAY	14	22N	13E	982	----	1398	KNOX				219 772	971 11		1370 -388				
392	12944	RA-JA OIL CO. ROSS #1	JAY	35	22N	13E	983	----	1415	BLACK				175 808	973 10	1123 -140					
393	02492	MUEHLHAUSEN MILLER #1	JAY	24	22N	14E	993	----	1395	BLACK					1070 -77	1220 -227					
394	39099	HAMILTON NUCKOLS #1	JAY	26	22N	14E	1063	----	7503	BLACK				260 803	1149 -86	1305 -242					
395	10566	RHODES PRESCOTT #1	JAY	02	22N	15E	944	----	1405	BLACK					1044 -100	1185 -241					
396	02574	MUEHLHAUSEN HILFICKER #1	JAY	05	22N	15E	965	----	1567	KNOX				245 720	1054 -89	1204 -239	1547 -582				
397	30453	HORIZON OIL INC. SMITH #1-H	JAY	06	22N	15E	944	----	2200	KNOX					1043 -99	1204 -260	1555 -611				
398	41658	SHRACK SHRACK #2	JAY	28	23N	12E	936	----	1664	KNOX					953 -17	1105 -169	1400 -464				
399	41887	ORION RESOURCES SHRACK #3	JAY	28	23N	12E	941	----	1650	KNOX					964 -23	1132 -191	1428 -487				
400	28649	KWIS KWIS #1	JAY	03	23N	13E	896	----	1270	BLACK					967 -71	1120 -224					
401	16746	KWIS KWIS #1	JAY	17	23N	13E	890	----	1455	CHAZYA				225 665	935 -45	1095 -205					
402	02467	GRISELL & KWIS ANKROM #2	JAY	23	23N	13E	892	----	1312	BLACK					932 -40	1100 -208					
403	21305	CONTINENTAL OIL RESUR #1	JAY	31	23N	13E	922	----	3100	MOUNT				195 727	940 -18	1100 -178	1380 -458	2476 -1554	3004 -2082		
404	13892	MILLER ZORN #1	JAY	17	23N	15E	943	----	1525	KNOX				225 718	1058 -115	1220 -277	1500 -557				
105	39102	KIRBY MAY #1-26	JAY	26	23N	15E	935	942	1695	KNOX				218 724	1038 -96	1190 -248	1545 -603				
406	30701	HORIZON OIL INC CLINE #1-H	JAY	32	23N	15E	932	----	1614	KNOX				210 722	1038 -106	1199 -267	1511 -579				
407	34102	MITCHELL INC. MILLER #90-9	JAY	09	24N	12E	899	----	1723	KNOX				270 629	1005 -106	1180 -281	1513 -614				

DATA BASE FOR DEEP WELLS IN INDIANA-continued

18

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION		ELEVATION			TD	TD FORM	DEPTH-SUBSEA ELEVATIONS										
					GL	KB	GL			GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM	
408	31518	LOWRY PYLE #1	JAY	10	24N	13E	834	----	1523	KNOX				172	955	1140	1506			
														662	-121	-306	-672			
409	34103	MITCHELL INC SNYDER #7D-11	JAY	11	24N	13E	847	----	1802	KNOX				200	980	1160	1490			
														647	-133	-313	-643			
410	00622	FARM BUREAU OIL BINEGAR #2	JAY	29	24N	13E	948	----	3404	PRECAM					1010	1180	1432	2423	3014	3351
															-62	-232	-484	-1475	-2066	-2403
411	02615	FARM BUREAU OIL BINEGAR #1	JAY	29	24N	13E	949	----	3395	PRECAM				250	1021	1187	1450	2425	2998	3333
														699	-72	-238	-501	-1476	-2049	-2384
412	27434	RUTLEDGE RUTLEDGE #1	JEFFER	08	3N	12E	500	----	1220	KNOX					205	430	988			
															295	70	-488			
413	30408	JEFFERSON OIL NAY #2	JEFFER	22	4N	8E	693	----	2016	KNOX				110	980	990	1479			
														583	573	508	-287	-297	-786	
414	06338	BURTON GEORGE ETAL #1	JEFFER	32	4N	8E	653	----	1580	KNOX				68	114	120	180	992	1005	1565
														585	539	533	473	-339	-352	-912
415	19133	BAKER GEYMAN #1	JEFFER	15	4N	11E	498	----	1000	CHAZYA								489		
																		9		
416	22659	GOFF MARTIN #1	JEFFER	22	4N	11E	490	----	500	BLACK								494		
																		-4		
417	02387	COMISKEY OIL JOHNSON #1	JENNIN	23	5N	7E	650	----	1336	BLACK				47	90	200	1002	1014		
														603	560	450	-352	-364		
418	15500	SMART SMART #1	JENNIN	12	5N	8E	728	----	1434	BLACK				44			967	972		
														684			-239	-244		
419	21882	COMBS CORYA #1	JENNIN	24	5N	8E	716	----	1410	BLACK					46	58	125	925	965	
															670	658	591	-209	-249	
420	21342	SEYMOUR TOOL COX #1	JENNIN	31	5N	8E	597	----	1438	CHAZYA				47	49	131	930	941		
														550	548	466	333	-344		
421	19244	CARLOCK NEWBY #1	JENNIN	08	6N	7E	602	----	1793	KNOX				125	195		933	1009	1485	
														477	407		-331	-407	-883	
422	07333	STEED, ET AL MASCHINO #1	JENNIN	29	6N	7E	590	----	1480	BLACK				92	140	175	265	1017	1050	
														498	450	415	325	-427	-460	
423	02357	OHIO VALLEY OIL WALTERMYER #1	JENNIN	12	7N	7E	702	----	1207	BLACK							909	971		
																	-207	-269		
424	02067	OHIO VALLEY OIL PHILLIPS #1	JENNIN	30	7N	8E	725	----	1537	CHAZYA				60	100	141	200	953	1027	
														665	625	584	525	-228	-302	
425	31218	JEN LEY INC GRINER #1	JENNIN	06	8N	10E	794	----	1397	KNOX							841	890	1384	
																	-47	-96	-590	
426	00263	WISSING ET AL WHITE #1	JOHNSO	21	11N	4E	785	----	1889	KNOX				375			1214		1798	
														410			-429	-1013		
427	105706	HASSETT LAGRANGE #1	JOHNSO	04	12N	4E	772	----	4092	EAU CL				320			1163		1740	
														452			-391	-968		
428	24525	TEXACO INC DUNGAN #1	JOHNSO	17	12N	4E	750	----	1876	KNOX				289	378	412	560	1140	1273	1722
														461	372	338	190	-390	-523	-972
429	38016	CITIZENS GAS LAUTENBACH #1	JOHNSO	03	12N	5E	712	----	1136	BLACK				155	174	305		923	1055	
														557	538	407		-211	-343	
430	12116	POE & ELLIOTT GUERRETTAZ #1	KNOX	L 97	3N	10W	491	----	5470	KNOX				3167	3800	4238	4572	4740	5390	
														-2676	-3309	-3747	-4081	-4249	-4899	
431	09883	EEL RIVER OIL BLOCHER #1	KOSCIU	12	30N	6E	855	----	3295	MOUNT					717		1280	1472	1655	
															138		-425	-617	-800	3105
432	24903	TEXACO INC ESTEP #3	KOSCIU	36	34N	5E	848	----	1750	BLACK				306	465	1036	1540	1734		
														542	383	-188	-692	-886		
433	16638	SEVENS OIL CO PINKERTON #1	KOSCIU	10	34N	6E	833	----	1940	BLACK				324	471	1080	1598	1820		
														509	362	-247	-765	-987		
434	24820	TEXACO INC MILLER #2	KOSCIU	19	34N	6E	832	----	1745	BLACK				310	456	1025	1544	1739		
														522	376	-193	-712	-907		
435	29112	COMANCHE OIL HELMER #1	LAGRAN	08	36N	11E	1030	1036	3080	KNOX				771	960	1685	2324	2570	2820	
														265	70	-649	-1288	1534	-1784	
436	16136	DEVINE WINANS #1	LAGRAN	19	36N	11E	987	----	2467	BLACK				702	888	1544	2217	2435		
														285	99	-557	-1230	-1448		

DATA BASE FOR DEEP WELLS IN INDIANA

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

DATA BASE FOR DEEP WELLS IN INDIANA

OPERATOR									ELEVATION		DEPTH-SUBSEA ELEVATIONS									
PERMIT	FARM-WELL#	COUNTY	LOCATION	GL	KB	TD	TD FORM	DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM		
437	18677	AMBA	LAGRAN	20	37N 9E	867	----	3483	EAU CL	720 147		931 -64	1550 -683	2205 -1338	2445 -1578	2695 -1828	3478 -2611			
438	21643	NIPSCO	LAKE	28	32N 8W	640	----	1348	KNOX			605 36	886 -246	1080 -440	1305 -665					
439	29945	NIPSCO	LAKE	30	32N 8W	640	----	3052	MOUNT				902 -262	1100 -460	1380 -740	2188 -1548	2805 -2165			
440	02573	FOX	LAKE	05	32N 9W	682	----	2438	EAU CL			612 70	880 -198	1070 -388	1350 -668	2118 -1436				
441	02132	ELLIOTT	LAKE	30	32N 9W	634	----	1315	CHAZYA			575 59	840 -206	1030 -396						
442	02082	BONDED OIL CO.	LAKE	33	32N 9W	632	----	1665	KNOX			595 37	852 -220	1070 -438	1330 -698					
443	26840	S. I. R CORP	LAKE	16	34N 7W	740	----	1370	CHAZYA	285 455		380 360	760 -20	1045 -305	1230 -490					
444	07008	SEWAGE SANITATION	LAKE	24	35N 9W	685	----	1250	CHAZYA			220 465	600 85	885 -200	1080 -395					
445	100349	DOMO OIL CO	LAKE	22	36N 8W	823	----	2458	MOUNT				805 -182		1217 -594	1864 -1241				
446	100351	U S STEEL	LAKE	29	37N 9W	588	----	4303	MOUNT				810 -210	1037 -437	1190 -590	1838 -1238	2384 -1784			
447	112830	INLAND STEEL	LAKE	14	37N 9W	596	----	4363	PRECAM			620 -12	791 -183		1459 -851	1810 -1202	2345 -1737	4350 -3742		
448	03727	SUPERHEATER CO	LAKE	32	37N 3W	586	----	1845	EAU CL			595 9	765 -179	970 -384	1200 -614	1840 -1254				
449	29734	KINGSBURY OIL	LAPORT	17	36N 2E	808	----	1821	KNOX	418 390		557 251	1018 -210	1287 -479	1534 -726	1643 -835				
450	26845	TEXAS GAS TRANS	LAWREN	04	4N 2W	720	----	2591	KNOX	711 9		1093 -373	1708 -988							
451	10749	REGIONAL DEV	LAWREN	34	4N 2E	810	----	2555	BLACK	1356 -346		1490 -680	1870 -1060	2392 -1582	2510 -1700					
452	29066	TEXAS GAS TRANS	LAWREN	20	5N 2E	791	----	6806	PRECAM	776 24	845 -45	878 -78	1145 -345	1761 -961	1843 -1043	2360 -1560	4706 -3906	5491 -4691	6650 -5850	
453	34372	COLUMBIA GAS	LAWREN	27	5N 1E	659	----	3502	KNOX	794 -126		915 -247	1160 -482	1624 -956	1705 -1037	2215 -1547				
454	34336	COLUMBIA GAS	LAWREN	12	6N 1E	562	----	2500	KNOX	768 -197	855 -284	890 -319	1160 -589	1782 -1211		2170 -1599				
455	23884	PANAMERICAN	LAWREN	24	6N 1E	728	----	2465	CHAZYA	903 -175	1018 -290	1060 -332	1337 -609	1951 -1223	1986 -1258					
456	23985	PANAMERICAN	LAWREN	24	6N 1E	725	----	2381	CHAZYA	860 -135	860 -235	999 -274	1262 -537	1814 -1089	1930 -1205					
457	23986	PANAMERICAN	LAWREN	24	6N 8E	727	----	2330	CHAZYA	897 -170	984 -257	1061 -334	1328 -601	1786 -1059	1868 -1141					
458	40339	GOTHARDS DRILL	MADISO	29	18N 6E	933	----	1370	KNOX					910 23	1050 -117	1360 -427				
459	00253	ANDERSON	MADISO	01	19N 6E	850	----	1541	KNOX					802 48	942 -92	1236 -386				
460	30144	HARRIS	MADISO	13	19N 6E	869	----	1140	BLACK			220 649		830 39	978 -109					
461	34466	CAWRAWAY	MADISO	24	19N 6E	869	----	1433	KNOX			284 585		900 -31	1048 -179	1369 -500				
462	30000	HARRIS	MADISO	05	19N 7E	862	----	1183	BLACK					875 -13	1025 -163					
463	29537	HARRIS	MADISO	36	20N 6E	857	----	1350	KNOX					817 40	960 -103	1285 -428				
464	30557	HARRIS	MADISO	29	20N 7E	868	----	1121	BLACK			246 622		820 48	957 -89					
465	29981	HARRIS	MADISO	31	20N 7E	864	----	1312	KNOX			150 714		796 68	940 -76	1248 -384				

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

20

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION	ELEVATION				TD	TD FORM	DEPTH-SUBSEA ELEVATIONS										
				GL	KB					DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM
466 112843	MOBILE DRILLING MOBILE DRILLING #1	MARION	25 15N 3E	737	----			1545	KNOX	152	234	281	442		988	1125	1543			
										585	503	456	295		-252	-388	-806			
467 00742	EAGLE CREEK OIL ASHBY #1	MARION	26 16N 2E	734	----			1266	BLACK	196	286	316	503		1013	1156				
										538	448	418	231		-279	-422				
468 34500	CARRAWAY WIESE #1	MARION	22 16N 5E	854	----			1520	CHAZYA				380		1004	1142				
													474		-150	-288				
469 29021	BLACK RIVER PET. BRUCE #1	MARION	27 17N 5E	832	----			1125	BLACK						912	1052				
															80	-220				
470 27753	HOLLINGSWORTH ZEHNER #1	MARSHA	13 32N 1E	812	----			1918	KNOX			345	860		1260		1662			
												467	-48		-448		-850			
471 24900	CONTINENTAL OIL KRULL #1	MARSHA	36 33N 1E	763	----			1690	KNOX	225		367	870		1228	1421	1638			
										538		396	-107		-465	-658	-875			
472 24272	NIPSCO BERGER #3	MARSHA	18 34N 3E	824	----			1894	KNOX	344		494	1021		1448	1675	1850			
										480		330	-197		-625	-851	-1026			
473 32110	NIPSCO AMES#1	MARSHA	21 34N 3E	789	----			4082	PRECAM	277		430	923		1362	1548	1760	2456	3004	3900
										512		359	-134		-573	-759	-971	-1667	-2215	-3111
474 29306	NIPSCO BOLLENBACHER#1	MARSHA	29 35N 3E	822	----			1775	BLACK	425		590	1070		1550	1740				
										397		232	-248		-728	-918				
475 41389	SCHLENSKER DRLG. GENERAL REFRACT. #1	MARTIN	27 3N 4W	707	713			3050	BLACK	1765			2466		2883	3025				
										-1052			-1753		-2170	-2312				
476 15370	COOPER SMITH #1	MIAMI	F.L.R. 27N 3E	633	----			1239	BLACK				398		874	1031				
													235		-241	-398				
477 41886	ORION RESOURCES TILLET #4-B	MIAMI	21 27N 4E	645	----			1482	KNOX						862		1258			
															-217		-613			
478 41958	ORION RESOURCES BABER #1	MIAMI	21 27N 4E	644	----			1622	KNOX						866					
															222					
479 43758	ENHANCED OIL SOAMES #1-A	MIAMI	28 27N 4E	647	----			1500	KNOX				368		870	1040	1280			
													279		-223	-393	-633			
480 41750	ORION RESOURCES MARBURGER #1	MIAMI	29 27N 4E	695	----			1540	KNOX				433		928	1090	1370			
													262		-233	-395	-675			
481 41795	ORION RESOURCES RICHARDSON #1	MIAMI	10 27N 5E	784	----			1601	KNOX				495		1026		1441			
													289		-242		-667			
482 24595	HOSTETLER DANIELS EST. #1	MIAMI	19 27N 5E	727	----			1200	BLACK						946	1135				
															-219	-408				
483 41959	ORION RESOURCES SMITH #1	MIAMI	11 29N 4E	862	----			1801	KNOX				753		1232	1385	1670			
													109		-370	-523	-808			
484 41535	ORION RESOURCES GOOD #1	MIAMI	17 29N 4E	850	----			1800	KNO%						1224					
															374					
485 41361	ORION RESOURCES KOTTERMAN #1	MIAMI	32 29N 4E	843	----			1705	KNOX				700		1184	1370	1620			
													143		-341	-527	-777			
486 30651	VICKERY DRILL MAYHEW #1	MIAMI	07 29N SE	812	----			1381	BLACK			210	680		1191	1365				
												602	132		-379	-553				
487 00230	PARDOE UNION TRUST CO #1	MONROE	29 8N 1E	772	----			2502	KNOX	739	836	884	1218		1745	1868	2373			
										33	-64	-112	-446		-973	-1096	-1601			
488 37399	TEXACO, INC. CONDOR #7	MONROE	35 8N 2W	809	----			2309	BLACK	1130	1250	1300	1646		2096	2229				
										-321	-441	-491	-837		-1287	-1420				
489 38160	INDIANA GAS CO SOLOMITO #1-T-12	MONROE	06 9N 1E	824	----			2389	KNOX	806	900	955	1218		1718	1843				
										18	-76	-131	-394		-894	-1019				
490 26854	INDIANA GAS FLEENER #1	MONROE	08 9N 1E	870	----			2470	KNOX	800	878	945	1221		1728	1852	2333			
										70	-8	-75	-351		-858	-982	-1463			
491 18050	BENEDUMTREES MILLER #1	MONROE	20 9N 1E	810	----			2371	KNOX	801	918	958	1199		1710	1835	2320			
										9	-108	-148	-389		-900	-1025	-1510			
492 15231	ZINK KESSLER #1	MONTGO	14 17N 3W	900	----			2131	CHAZYA	711	787	820	1183		1528	1705				
										189	113	80	-283		-628	-805				
493 09213	VAN HORN FOSTER ET AL #1	MONTGO	19 17N 5W	800	----			2315	CHAZYA	950	1025	1050	1340		1723	1898				
										-150	-225	-250	-540		-923	-1098				
494 18017	BENEDUMTREES PAYTON #1	MORGAN	15 11N 1W	580	----			2112	KNOX	577	653	690	1002		1449	1585	2045			
										3	-73	-110	-422		-869	-1005	-1465			

DATA BASE FOR DEEP WELLS IN INDIANA

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

21

DATA BASE FOR DEEP WELLS IN INDIANA

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION	ELEVATION				TD	TD FORM	DEPTH-SUBSEA ELEVATIONS											
				GL	KB					DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAN	
495	05747	POTTER HODGES #1	MORGAN	18	11N	1W	572	----		1926	BLACK	634 -62	743 -171	795 -223	1063 -491	1506 -934	1654 -1082				
496	06110	WEDDEL FULLER #1	MORGAN	22	13N	1E	891	----		1853	BLACK	700 191	787 104	828 63	1034 -143	1252 -634	1673 -782				
497	20860	CITIZENS GAS MARIANOS #1	MORGAN	10	13N	2E	758	----		1910	KNOX	444 314	548 209	570 188	750 8	1264 -506	1400 -642	1824 -1066			
498	29326	NIPSCO SONS #1	NEWTON	01	31N	8W	663	----		2960	MOUNT				630 33	904 -241	1092 -429	1355 -692	2195 -1532	2811 -2148	
499	109948	NIPSCO ROSE #1	NEWTON	02	31N	8W	644	----		1472	KNOX				575 69	862 -218	1065 -421				
500	22300	NIPSCO BOYLE #2	NEWTON	05	31N	8W	642	----		1417	KNOX				610 32	890 -248	1085 -443	1413 -771			
501	22610	NIPSCO KNAPP #1	NEWTON	15	31N	8W	675	----		1382	KNOX			118 557	637 38	923 -248	1113 -438	1373 -698			
502	30135	NIPSCO GRANT #4	NEWTON	33	32N	8W	636	----		1100	BLACK				580 56	850 -214	1040 -404				
503	29956	NIPSCO SHELHART #1	NEWTON	34	32N	8W	642	----		3021	MOUNT					850 -208	1035 -393	1345 -703	2160 -1518	2767 -2125	
504	31287	HOUSEKNECHT OIL HIATT #1	NOBLE	13	33N	9E	943	----		2180	BLACK	432 511		557 386	1092 -149	1752 -808	1950 -1007				
505	29053	COMANCHE OIL CO PIPPENGER #1	NOBLE	15	33N	10E	965	971		3694	MOUNT	441 530			1150 -185	1826 -855	2025 -1054	2238 -1267	3092 -2121	3580 -2609	
506	31135	CARMAX IND ACKERS #1	NOBLE	21	33N	10E	961	----		2172	BLACK	424 537		570 391	1095 -134	1771 -810	1980 -1019				
507	29072	COMANCHE OIL RHODES #1	NOBLE	27	33N	11E	879	885		2489	KNOX	329 556		550 335	1079 -194	1727 -842	1940 -1055	2225 -1340			
508	29252	COMANCHE OIL GALLAWAY #1	NOBLE	33	34N	8E	963	----		2600	KNOX	480 483		615 348	1170 -207	1780 -817	1992 -1029	2250 -1287			
509	29254	COMANCHE OIL LEATHERS #1	NOBLE	09	34N	9E	888	----		2650	KNOX	450 438		600 288	1210 -322	1840 -952	2050 -1162	2310 -1422			
510	31136	CARMAX IND VEISER #1	NOBLE	35	34N	10E	986	----		2128	BLACK	532 454		699 287	1240 -254	1910 -924	2110 -1124				
511	29246	COMANCHE OIL MILLER #1	NOBLE	10	35N	8E	927	----		2675	KNOX	533 394		702 225	1318 -391	1923 -996	2140 -1213	2352 -1425			
512	15834	LEWIS MOODY #1	NOBLE	33	35N	8E	917	----		2201	BLACK	458 459		625 292	1250 -333	1835 -918	2040 -1123				
513	25077	CONTINENTAL OIL MCWILLIAMS #1	NOBLE	02	35N	10E	955	----		2658	KNOX	629 326		795 160	1450 -495	2120 -1165	2339 -1384	2603 -1648			
514	29096	COMANCHE OIL TYLER #1	NOBLE	21	35N	10E	946	952		2874	KNOX	548 404		710 242	1360 -408	2030 -1078	2265 -1313	2473 -1521			
515	29369	COMANCHE OIL BARKER #1	NOBLE	10	35N	11E	989	----		3000	KNOX	659 330			1499 -510	2164 -1175	2390 -1401	2651 -1662			
516	29015	BLACK AND BLACK HOSSINGER #1	NOBLE	20	35N	11E	986	----		2750	KNOX	655 331		825 161	1433 -447	2120 -1134	2329 -1343	2560 -1574			
517	15590	CAMERON BARCLAY #1	ORANGE	17	1N	1E	652	----		2294	BLACK	1137 -485		1308 -656	1647 -995	2225 -1573	2280 -1628				
518	19482	HIGHLAND OIL CO SENG #1	ORANGE	19	1S	2W	505	----		3284	KNOX	1460 -955		1625 -1120	2110 -1605	2653 -2148	2700 -2195	3275 -2770			
519	34034	QUASAR INC LOVE ET AL #1-C	ORANGE	30	2N	1W	500	----		2308	BLACK	1138 -638		1252 -752	1678 -1178	2230 -1730	2300 -1800				
520	00235	HAYS BAKER #1-A	ORANGE	29	3N	2W	798	----		3226	CHAZYA	1520 -722		1657 -859	2080 -1282	2568 -1770	2682 -1884				
521	02817	TEXAS CO. FISCUS #1	OWEN	02	9N	5W	680	----		2516	BLACK	1380 -700	1495 -815	1530 -850	1948 -1268	2334 -1654	2483 -1803				
522	37858	CITIZENS GAS TEMPLE EASTEX #2	OWEN	02	9N	5W	670	681		2529	BLACK	1387 -706	1448 -767	1550 -869		2342 -1661	2497 -1816				
523	02978	TEXAS CO NUGENT #1	OWEN	03	9N	5W	679	----		2593	BLACK	1415 -736	1538 -858	1580 -901	2052 -1373	2394 -1715	2558 -1879				

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

22

DATA BASE FOR DEEP WELLS IN INDIANA

OPERATOR										DEPTH-SUBSEA ELEVATIONS											
PERMIT	FARM-WELL#	COUNTY		LOCATION		ELEVATION	GL	KB	TD	TD FORM	DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM
524	36149	CITIZENS GAS	OWEN	12	9N	5W	598	614	2500	BLACK	1305	1405	1444	1945		2297	2455				
		TEMPLE-EASTEX #1									-691	-791	-830	-1331		-1683	-1841				
525	06279	TEXAS CO	OWEN	23	9N	5W	630	-----	2560	BLACK	1403	1528	1562	2000		2370	2533				
		JEAN #1									-773	-898	-932	-1370		-1740	-1903				
526	02285	SUN OIL CO	OWEN	23	10N	5W	712	-----	3185	KNOX	1411	1524	1558	1967		2341	2503	3000			
		CHAMBERS#1									-699	-812	-846	-1255		-1626	-1791	-2288			
527	38716	BEARD	OWEN	06	11N	3W	763	-----	2871	KNOX	1130	1235	1270	1620		1980	2150	2590			
		KELLY #1									-367	-472	-507	-857		-1217	-1387	-1827			
528	11103	MICHEL	PERRY	35	11N	1W	703	-----	2046	BLACK	964	1075	1105	1445		1815	1970				
		RITTER #1									-261	-372	-402	-742		-1112	-1267				
529	02896	SUN OIL CO	PERRY	17	4S	3W	748	-----	3534	KNOX	1754		1850	2263		2862	2867	3464			
		GIBSON #1									-1006		-1102	-1515		-2114	-2119	-2718			
530	02657	CENTRAL PIPE	PIKE	25	4S	6W	646	-----	3255	BLACK	1945		2070	2560		3130	3142				
		DELAISE 41									-1299		-1424	-1914		-2484	-2496				
531	24642	ULAND	PIKE	06	1S	9W	481	-----	4508	CHAZYA	2421		2920	3390		3746	3905				
		LEISTNER #1									-1940		-2439	-2909		-3265	-3424				
532	17019	INDIANA FARM BUR	PORTER	25	1S	5W	447	-----	4665	BLACK	2996		3570	4141		4454	4604				
		SUBAR #1									-2549		-3123	-3694		-4007	-4157				
533	109287	STOLTENBERG CON.	PORTER	16	35N	5W	774	784	4548	PRECAM	318		440	894		1131	1380	1498	2177	2762	4533
		INDIANA GEN #WD 1									466		344	-110		-347	-596	-714	-1393	-1978	-3749
534	114359	PFIZER CHEMICAL	PORTER	16	35N	5W	774	786	4528	PRECAM				910		1138		1500	2184	2766	4510
		PFIZER CHEMICAL #2												-124		-352		-1014	-1398	-1980	-3724
535	07874	EGELSKKE	PORTER	09	36N	6W	699	-----	1310	BLACK				800		1051	1280				
		EGELSKKE #3												-101		-352	-581				
536	100338	BETHLEHEM STEEL	PORTER	28	37N	6W	613	625	4304	PRECAM	200		256	745		958	1175	1308	1959	2536	4263
		BETHLEHEM #WD-1									425		369	-120		-333	-550	-683	-1346	-1933	-3638
537	112983	BETHLEHEM STEEL	PORTER	29	37N	6W	613	624	4301	PRECAM			250	729		938	1145	1355	1952	2518	4265
		BETHLEHEM #WD-2C											374	-105		-314	-521	-731	-1328	-1894	-3641
538	112984	BETHLEHEM STEEL	PORTER	30	37N	7W	613	624	3945	MOUNT			238	730		936	1150		1946	2511	
		BETHLEHEM #WD-1C											366	-106		-312	-526		-1322	-1887	
539	100341	MIDWEST STEEL	PORTER	25	37N	14W	603	615	4308	PRECAM			248	695		930	1150	1345	1928	2486	4259
		MIDWEST STEEL											367	-80		-315	-535	-730	-1313	-1871	-3644
540	36605	EXXON CORP	POSEY	12	4S	13W	383	398	7500	CHAZYA	4940		5680	6209		6521	6639				
		FORD-CORBIN #1									-4542		-5282	-5811		-6123	-6241				
541	113208	GENERAL ELEC	POSEY	19	7S	1W	395	409	7980	KNOX	4888		6020	6472		6748	6900	7877			
		GENERAL ELEC #WD-2									-4479		-5611	-6063		-6339	-6491	-7468			
542	22298	NIPSCO	PULASK	25	29N	1W	737	-----	2215	EAU CL				580		930	1137	1360	2195		
		LEFFEL #1												157		-193	-400	-623	-1458		
543	31054	NIPSCO	PULASK	25	29N	1W	734	-----	1476	KNOX				655		972	1174	1393			
		CARPENTER #1												79		-238	-440	-659			
544	33682	NIPSCO	PULASK	25	29N	1W	735	-----	3029	MOUNT				602		970	1156	140	2225	2827	
		HASELBY #0-46											133		-235	-421	-675	-1490	-2092		
545	33643	NIPSCO	PULASK	35	29N	11W	723	-----	3150	MOUNT				603		958	1150	1388	2255	2845	
		SKILLEN #1											120		-235	-427	-665	-1532	-2122		
546	21963	NIPSCO	PULASK	26	29N	11W	724	-----	1370	CHAZYA				565		931					
		COLEMAN #1											159		-207						
547	33173	NIPSCO	PULASK	26	29N	1W	737	-----	1406	KNOX				572		939	1127	1373			
		HASELBY #12											165		-202	-390	-636				
548	38040	NIPSCO	PULASK	26	29N	1W	733	-----	3121	MOUNT						955			2208	2803	
		HASELBY #0-148														-222		-1475	-2070		
549	34025	NIPSCO	PULASK	07	29N	2W	687	-----	3102	MOUNT				585		894	1105	1332	2060	2678	
		GOORY #6-18											102		-207	-418	-645	-1373	-1991		
550	33573	NIPSCO	PULASK	15	29N	2W	704	-----	3100	MOUNT				600		940	1155	1347	2138	2744	
		WALSH FARMS											104		-236	-451	-643	-1434	-2040		
551	33504	NIPSCO	PULASK	16	29N	2W	690	-----	3106	MOUNT				550		869	1070	1302	2058	2667	
		HANAWALT #1											140		-179	-380	-612	-1368	-1977		
552	34001	NIPSCO	PULASK	20	29N	2W	683	-----	3101	MOUNT				580		910		1345	2202	2801	
		GRIST #2											103		-227		-662	-1519	-2118		

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION	ELEVATION				TD FORM	DEPTH-SUBSEA ELEVATIONS											
				GL	KB	TD	DEV LS		GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAN		
553	26953	NIPSCO WEAVER #1	PULASK	35	29N	2W	700	----	1368	KNOX		570 130		915 -215	1085 -385	1345 -645				
554	34079	NIPSCO LEDFORD #L-19	PULASK	21	29N	3E	687	----	3000	MOUNT		589 98		896 -205			2111 -1424	2705 -2018		
555	33903	NIPSCO GOBLE #L-15	PULASK	24	29N	3W	680	----	3059	MOUNT		550 140		872 -182		1280 -590	2045 -1355	2654 -1964		
556	33956	NIPSCO GOBLE #L-16	PULASK	25	29N	3W	685	----	3115	MOUNT		530 155		853 -168	1113 -428	1370 -685	2028 -1343	2637 -1952		
557	23332	CONTINENTAL OIL DAVIS #1	PULASK	26	29N	3W	680	----	1340	KNOX		548 132		865 -185	1093 -413	1293 -613				
558	33542	NIPSCO GOOD #2	PULASK	26	29N	3W	685	----	3151	MOUNT				846 -161	1062 -377		2042 -1357	2650 -1965		
559	33644	NIPSCO GOOD #L-12	PULASK	26	29N	3W	675	----	3109	MOUNT		540 135		837 -162	1041 -366	1276 -601	2034 -1356	2540 -1965		
560	33666	NIPSCO WHITE #L-13	PULASK	26	29N	3W	665	----	2188	EAU CL		535 130		856 -191	1078 -413	1340 -675	2145 -1486			
561	44761	HALL GOOD #L-14	PULASK	26	29N	3W	667	----	2746	MOUNT				838 -171			2064 -1397	2682 -2015		
562	33220	SANDERS LOWRY FARMS #1	PULASK	15	29N	4W	675	----	2900	MOUNT		35 640	590 85		878 -203	1080 -405	1343 -668	2140 -1465	2731 -2056	
563	23968	CONTINENTAL OIL PETERS #1	PULASK	10	30N	1W	718	----	1504	KNOX		651 67		999 -281	1179 -461	1425 -707				
564	34099	NIPSCO HINTZ #L-20	PULASK	33	30N	2W	695	----	3009	MOUNT		610 85		907 -212	1134 -439	1320 -625	2100 -1405	2691 -1998		
565	23946	CONTINENTAL OIL BOWEN #1	PULASK	16	31N	2W	712	----	1482	KNOX		221 491	706 6		1023 -311	1230 -518	1432 -720			
566	00612	WILLIAMS COOPER #1	PUTNAM	10	13N	4W	710	----	2560	KNOX		1005 -430	1502 -792		1855 -1145		2462 -1752			
567	11099	HAYES DRILLING NICHOLS #1	PUTNAM	17	14N	3W	810	----	2376	KNOX		936 -126	1050 -240	1090 -280	1397 -587	1764 -954	1918 -1108	2340 -1530		
568	00651	STANOLIND OIL WELLS #1	PUTNAM	15	14N	5W	755	----	2829	KNOX		1091 -336	1182 -427	1216 -461	1559 -804	1920 -1165	2085 -1330	2526 -1771		
569	31337	SOSSAMON LUMPKIN #1	RANDOL	05	18N	13E	1120	----	1572	KNOX		190 930		1035 85	1153 -33	1555 -435				
570	21420	CONTINENTAL OIL JOHNTING #1	RANDOL	15	18N	14E	1159	----	2750	EAU CL		191 968		1109 50	1185 -26	1593 -434	2702 -1543			
571	29158	CENTRALIND GAS CLARK #8-C	RANDOL	08	19N	13E	1078	----	1584	KNOX				1007 71		1534 -456				
572	24835	CENTRALIND GAS CULLISON #9T-10	RANDOL	09	19N	13E	1124	----	1590	KNOX				1025 96		1487 -363				
573	24836	CENTRAL IND GAS CULLISON #9T-11	RANDOL	09	19N	13E	1128	----	1597	KNOX				1033 95						
574	26486	CENTRALIND GAS CULLISON #9T-18	RANDOL	09	19N	13E	1130	----	1521	KNOX				1023 107		1415 -285				
575	27967	CENTRAL IND GAS JOHNSON #9T-32	RANDOL	09	19N	13E	1123	----	1525	CHAZYA				1032 91						
576	27968	CENTRALIND GAS CULLISON #9T-19	RANDOL	09	19N	13E	1094	----	1486	KNOX				1002 92		1437 -343				
577	27969	CENTRALIND GAS CULLISON #9T-20	RANDOL	09	19N	13E	1128	----	1594	KNOX				1048 80		1564 -436				
578	27970	CENTRAL IND GAS ARNOLD #9T-26	RANDOL	09	19N	13E	1107	----	1572	KNOX				1025 82		1550 -443				
579	27971	CENTRAL IND. GAS CLARK #9T-21	RANDOL	09	19N	13E	1117	----	1565	KNOX				1030 87		1530 -413				
580	27972	CENTRAL IND. GAS ARNOLD #9T-29	RANDOL	09	19N	13E	1120	----	1516	KNOX		197 923		1030 90	1155 -35	1501 -381				
581	27973	CENTRAL IND GAS JOHNSON #9T-33	RANDOL	09	19N	13E	1101	----	1497	KNOX				1011 90		1476 -375				

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

24

DATA BASE FOR DEEP WELLS IN INDIANA

OPERATOR										ELEVATION		DEPTH-SURSEA ELEVATIONS									
PERMIT	FARM-WELL#	COUNTY	LOCATION	GL	KB	TD	TD FORM	DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK KNOX	EAU CL	MOUNT	PRECAM				
582	27974	CENTRAL IND. GAS CLARK #9T-35	RANDOL	09	19N	13E	1098	----	1493	KNOX				1012	1478						
													86	-380							
583	27975	CENTRAL IND. GAS ARNOLD #9T-25	RANDOL	09	19N	13E	1111	----	1516	KNOX				1024	1486						
													87	-375							
584	27976	CENTRAL IND. GAS CULLISON #9T-31	RANDOL	09	19N	13E	1080	----	1545	KNOX		168	999	1132	1466						
											912		81	-52	-386						
585	27977	CENTRAL IND. GAS ARNOLD #9T-30	RANDOL	09	19N	13E	1079	----	1475	KNOX				987	1438						
													92	-359							
586	27978	CENTRAL IND. GAS ARNOLD #9T-27	RANDOL	09	19N	13E	1122	----	1518	KNOX				1024	1455						
													98	-333							
587	27979	CENTRAL IND. GAS ARNOLD #9T-28	RANDOL	09	19N	13E	1098	----	1495	KNOX				1008	1487						
													90	-389							
588	27980	CENTRAL IND. GAS WATSON #9T-24	RANDOL	09	19N	13E	1121	----	1528	KNOX				1033	1517						
													88	-396							
589	27981	CENTRAL IND. GAS WATSON #9T-23	RANDOL	09	19N	13E	1121	----	1517	KNOX				1032	1481						
													89	-360							
590	27982	CENTRAL IND. GAS CLARK #9T-22	RANDOL	09	19N	13E	1077	----	1473	KNOX				983	1430						
													94	-353							
591	28276	CENTRAL IND. GAS WATSON #9T-38	RANDOL	09	19N	13E	1120	----	1586	KNOX				1032	1484						
													88	-364							
592	28277	CENTRAL IND. GAS WATSON #9T-39	RANDOL	09	19N	13E	1120	----	1583	KNOX				1028	1508						
													92	-388							
593	28442	CENTRAL IND. GAS JOHNSON #9T-40	RANDOL	09	19N	13E	1138	----	1597	KNOX				1060	1586						
													78	-448							
594	28443	CENTRAL IND. GAS SLACK #9G	RANDOL	09	19N	13E	1118	----	1625	KNOX				1039	1542						
													79	-424							
595	28444	CENTRAL IND. GAS JOHNSON #9T-34	RANDOL	09	19N	13E	1126	----	1525	KNOX				1041	1514						
													85	-388							
596	29160	CENTRAL IND. GAS LEWIS #9-L	RANDOL	09	19N	13E	1095	----	1581	KNOX				1008	1127	1528					
													87	-32	-433						
597	29162	CENTRAL IND. GAS CULLISON #9-M	RANDOL	09	19N	13E	1087	----	1584	KNOX				1023	1153	1558					
													64	-66	-471						
598	31389	CENTRAL IND. GAS JOHNSON #9T-56	RANDOL	09	19N	13E	1099	----	1609	KNOX				1000	1402						
													99	-303							
599	33635	CENTRAL IND. GAS WATSON #9T-14	RANDOL	09	19N	13E	1120	----	1599	KNOX				1037	1158	1548					
											179		83	-38	-428						
600	33646	CENTRAL IND. GAS CULLISON #9T-13	RANDOL	09	19N	13E	1099	----	1567	KNOX				1029	1522						
													70	-423							
601	33636	CENTRAL IND. GAS WASSON #10T-15	RANDOL	10	19N	13E	1130	----	1617	KNOX				1054	1185	1576					
													76	-55	-446						
602	25577	CENTRAL IND. GAS WATSON #16T-16	RANDOL	16	19N	13E	1132	----	1603	KNOX				1045	1174	1520					
													87	-42	-388						
603	30421	CENTRAL IND. GAS EDWARDS #16T-52	RANDOL	16	19N	13E	1146	----	3352	MOUNT		235	1076	1194	1603	2692	3265				
											911		70	-48	-457	-1546	-2119				
604	33634	CENTRAL IND. GAS WILLIAMS #16T-17	RANDOL	16	19N	13E	1086	----	1580	KNOX				1005	1506						
													81	-420							
605	33637	CENTRAL IND. GAS CENTRAL IND GAS #1	RANDOL	16	19N	13E	1104	----	1972	KNOX				1023	1137	1502					
													81	-33	-398						
606	30407	CENTRAL IND. GAS HOLWAGER #17T-51	RANDOL	17	19N	13E	1115	----	1523	KNOX				1034	1156	1493					
													81	-41	-378						
607	30500	CENTRAL IND. GAS HOLWAGER #17T-53	RANDOL	17	19N	13E	1095	----	1522	KNOX		200	1003	1132	1493						
												895	92	-37	-398						
608	30527	CENTRAL IND. GAS HOLWAGER #17T-54	RANDOL	17	19N	13E	1106	----	1578	KNOX		205	1017	1135	1465						
												901	89	-29	-359						
609	30548	CENTRAL IND. GAS HOLWAGER #17T-55	RANDOL	17	19N	13E	1122	----	1557	KNOX		235	1034	1153	1505						
												887	88	-31	-383						
610	33638	CENTRAL IND. GAS SAGE #17T-12	RANDOL	17	19N	13E	1129	----	1622	KNOX				1057	1580						
													72	-451							

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

DATA BASE FOR DEEP WELLS IN INDIANA

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION	ELEVATION			TD	TD FORM	DEPTH-SUBSEA ELEVATIONS										
				GL	KB				DEV L S	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAN
611	22687	CENTRAL IND GAS HAYNES #20T-2	RANDOL	20	19N	13E	1121	-----	1647	KNOX		245 876		1036 85	1150 -29	1529 -408			
612	28558	CENTRAL IND GAS HAYNES #20T-36	RANDOL	20	19N	13E	1151	-----	1550	KNOX				1053 98		1511 -360			
613	28409	CENTRAL IND GAS HAYNES #20T-41	RANDOL	20	19N	13E	1144	-----	1538	KNOX				1048 96	1171 -27	1479 -335			
614	29300	CENTRAL IND GAS HAYNES #20T-43	RANDOL	20	19N	13E	1134	-----	1530	KNOX				1042 92		1497 -363			
615	29301	CENTRAL IND GAS HAYNES #20T-44	RANDOL	20	19N	13E	1142	-----	1535	KNOX				1040 102		1493 -351			
616	29379	CENTRAL IND GAS HAYNES #20T-45	RANDOL	20	19N	13E	1154	-----	1588	KNOX				1061 93		1538 -384			
617	33633	CENTRAL IND GAS HAYNES #20T-48	RANDOL	20	19N	13E	1149	-----	3358	MOUNT		268 881		1052 97	1195 -46	1518 -369	2688 -1540	3270 -2121	
618	30356	CENTRAL IND GAS MYERS#21T-50	RANDOL	21	19N	13E	1120	-----	1560	KNOX		190 930		1032 88	1145 -25	1470 -350			
619	30360	CENTRAL IND GAS KABEL #20T-49	RANDOL	22	19N	13E	1166	-----	1604	KNOX		250 915		1084 82	1203 -37	1579 -413			
620	29163	CENTRAL IND GAS HARPER #29-A	RANDOL	29	19N	13E	1146	-----	1353	BLACK				1060 86					
621	28275	CENTRAL IND GAS BENTZ #30T37	RANDOL	30	19N	13E	1142	-----	1561	KNOX				1019 123	1138 4	1444 -302			
622	31352	ZAVOICO WELCH #1	RANDOL	05	19N	15E	1162	1179	1875	KNOX		260 910		1170 1264 C -94		1683 -513			
623	14192	TAMBLYN JONES #1	RANDOL	05	20N	12E	1004	-----	1296	BLACK		200 804		975 1120 28 -116					
624	14138	FITCHETT RACER #2	RANDOL	09	20N	12E	1008	-----	1207	BLACK		202 806		938 70	1072 -64				
625	13658	COOPER BLACKBURN #1	RANDOL	10	20N	12E	1025	-----	1240	BLACK		240 785		983 42	1090 -65				
626	13864	ADAMS MEEKS #1	RANDOL	16	20N	12E	1015	-----	1264	BLACK				968 46					
627	13746	CALDERWOOD KRAMER #1	RANDOL	21	20N	12E	1023	-----	1271	BLACK		210 813		976 47	1108 -85				
628	14214	DILLMAN DRILLING MILLER AND SHAW #1	RANDOL	06	20N	13E	1011	-----	1265	BLACK				954 57	1085 -74				
629	14749	DILLMAN DRILLING MILLS #1	RANDOL	30	20N	13E	1038	-----	1370	BLACK		190 848		973 1100 65 -62					
630	01849	SEIP WARD #1	RANDOL	10	20N	14E	1073	-----	1360	BLACK				1055 18	1173 -100				
631	30922	ZAVOICO TIBBETTS #1	RANDOL	19	20N	15E	1108	-----	2310	KNOX				220 888	1118 -10	1220 -112	1664 -556		
632	31351	ZAVOICO HARRIS #1	RANDOL	29	20N	15E	1125	-----	2038	KNOX		220 905		1128 -4	1228 -103	1572 -447			
633	31891	ZAVOICO FRAZIER #2	RANDOL	29	20N	15E	1126	-----	1672	KNOX		235 891		1141 -15	1233 -107	1608 -482			
634	31758	ZAVOICO FRAZIER #1	RANDOL	32	20N	15E	1135	-----	1694	KNOX		235 900		1132 3	1226 -91	1617 -482			
635	32093	ZAVOICO PEACOCK #1	RANDOL	32	20N	15E	1142	-----	1606	KNOX				1142 0	1242 -100				
636	00559	GODWIN AND MUNAY ST. JOHN #1	RANDOL	08	21N	12E	938	-----	1276	BLACK		150 788		892 46	1062 -124				
637	16469	STANLEY LUDWICK #1	RANDOL	10	21N	12E	943	-----	1430	KNOX		175 768		932 11	1075 -132	1405 -462			
638	15968	HICKMAN BYE #1	RANDOL	12	21N	12E	961	-----	1261	BLACK		160 801		930 31	1085 -124				
639	14593	FLESHER FLESHER #2	RANDOL	16	21N	12E	961	-----	1370	BLACK		120 841		928 33	1065 -104				

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

26

DATA BASE FOR DEEP WELLS IN INDIANA

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION	ELEVATION				TD	TD FORM	DEPTH-SUBSEA ELEVATIONS							
				GL	KB					DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX
640 13383	QUINTER MENDENHALL #1	RANDOL	27 21N 12E	988	-----			1292	BLACK				185 803		936 52	1072 -84	
641 14107	MENDENHALL ET AL WOOD #3	RANDOL	27 21N 12E	987	-----			1228	BLACK				168 819		924 63	1068 -81	
642 13720	HOTTINGER SHROYE	RANDOL	33 21N 12E	986	-----			1350	BLACK						947 38		
643 15615	LIMOINE OIL GARRINGER #1	RANDOL	35 21N 12E	987	-----			1214	BLACK							1086 -99	
644 15869	DAVIS SMITH #1	RANDOL	35 21N 12E	983	-----			1242	BLACK				160 823		953 30	1086 -103	
645 14079	SMITH SMITH #1	RANDOL	36 21N 12E	991	-----			1251	BLACK				150 841		951 40	1090 -99	
646 16331	KWIS MILLER #1	RANDOL	09 21N 13E	959	-----			1251	BLACK						931 28	1086 -127	
647 15833	CROW JOHNSON ET AL #1	RANDOL	19 21N 13E	976	-----			1331	BLACK				170 806		936 40	1070 -94	
648 30994	JEN-LEY INC HUGHES #1	RIPLEY	05 8N 10E	885	-----			1620	KNOX				60 825		899 -14	970 -85	1452 -567
649 05646	RICH-LANDS INC. SPENCER #1	RUSH	25 12N 10E	1027	-----			1505	KNOX				119 908		929 98	1027 0	1499 -472
650 30282	MORAN ANDERSON #1	RUSH	07 13N 10E	958	-----			1525	KNOX				97 861		842 116	969 -11	1410 -452
651 29686	GULF OIL COON #1	RUSH	20 13N 11E	1066	1078			1565	KNOX				168 910		966 112	1065 13	1523 -445
652 30294	MORAN WAGGONER #2	RUSH	10 14N 10E	968	-----			1500	KNOX				80 888		842 126	968 0	1400 -432
653 30338	MORAN CREECH #1	RUSH	17 14N 11E	1048	-----			1550	KNOX						906 142	1019 29	1457 -409
654 06263	RICH-LANDS INC WAGGONER #1	RUSH	33 15N 10E	1022	-----			1258	BLACK						876 146	1007 15	
655 24984	CONTINENTAL OIL SCHRADER #1	ST. JOS	32 36N 3E	836	-----			2103	KNOX	490 346		677 159	1159 -323		1631 -795	1839 -1003	2044 -1208
656 00441	NELSEN KUSH #1	ST. JOS	08 37N 1E	729	-----			1916	KNOX	412 317		594 135	1100 -371		1498 -768		1878 -1149
657 06035	WESTON CHARLTON #1	SCOTT	15 4N 7E	594	-----			1100	BLACK	56 538	106 488	113 481	212 382		994 -400	1000 -406	
658 02318	HART HAMMOND #1	SCOTT	35 4N 7E	662	-----			1552	CHAZYA	95 567		160 502	230 432		1062 -400	1071 -409	
659 36744	GENERAL ELEC STILES #1	SHELBY	03 12N 7E	788	-----			1026	BLACK						840 -52	967 -179	
660 36791	GENERAL ELEC STILES #2	SHELBY	03 12N 7E	782	-----			1025	BLACK						832 -50		
661 36809	GENERAL ELEC. STILES #3	SHELBY	03 12N 7E	786	-----			1025	BLACK						832 -46		
662 36671	GENERAL ELEC GENERAL ELEC.#1	SHELBY	04 12N 7E	790	-----			1595	KNOX						850 -60		
663 35789	EAGLE GAS EVERHART #1	SHELBY	04 13N 7E	790	-----			1550	KNOX			78 712	218 572		859 -69	990 -200	1410 -620
664 36640	GENERAL ELEC YARLING #1	SHELBY	26 13N 7E	820	-----			1054	BLACK				140 680		867 -47	990 -170	
665 23921	CONTINENTAL OIL SEGHEIT #1	STARKE	23 32N 3W	712	-----			1519	KNOX			282 430	756 -44		1055 -343	1240 -528	1464 -752
666 16307	DEVINE AND LANG WEICHT #1	STEUBE	15 36N 12E	1005	-----			2584	BLACK	728 277		930 75	1675 -670		2330 -1325	2549 -1544	
667 26553	NIPSCO NOLL #1	STEUBE	22 36N 12E	1022	-----			2593	BLACK	700 322		905 117	1660 -638		2334 -1312	2563 -1541	
668 27916	GENTRY SCHMIDT #1	STEUBE	35 36N 12E	950	-----			2757	KNOX	670 280		845 105	1560 -610		2244 -1294	2456 -1506	2707 -1757

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

DATA BASE FOR DEEP WELLS IN INDIANA

27

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION	ELEVATION				TD	TD FORM	DEPTH-SUBSEA ELEVATIONS										
				GL	KB	DEV LS	GENEV			SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM		
669 187724	AMBASSADOR OIL WALKER #1	STEUBE	04 36N 13E	1039	-----			3700	EAU CL	849 190		1064 -25			2481 -1442	2718 -1679	3000 -1961			
670 33439	M.I.O EXPLOR. FINLEY #1	STEUBE	10 36N 13E	988	-----			3126	KNOX	818 170		1020 -32			2453 -1465	2690 -1702	2937 -1949			
671 18790	AMBASSADOR OIL SHIPE #1	STEUBE	25 36N 13E	995	-----			2931	KNOX	748 247		940 55			2390 -1395	2609 -1614	2870 -1875			
672 33024	SWAGER SWAGER #1	STEUBE	15 38N 14E	1046	1058			6866	PRECAM	1053 5		1360 -302			2843 -1785	3090 -2032	3354 -2296	4152 -3094	4561 -3503	4886 -3831
673 35996	SWAGER SWAGER #2	STEUBE	16 38N 14E	1044	1051			3717	KNOX	1049 2		1337 -286			2815 -1764	3075 -2024	3350 -2299			
674 36538	MUTCH HARDING #1	STEUBE	16 38N 14E	1058	1077			3383	KNOX	1072 5		1360 -283			2834 -1757	3080 -2003	3361 -2284			
675 38742	MUTCH CHURCH #1	STEUBE	16 38N 14E	1057	1065			3343	CHAZYA	1085 -20		1365 -300			2859 -1794	3105 -2040				
676 40204	STINSON HARDING #2-16	STEUBE	16 38N 14E	1059	1070			3265	BLACK	1082 -12					2848 -1776					
677 36112	MUTCH BRISTLE #1	STEUBE	21 38N 14E	1052	1071			3355	CHAZYA	1064 7		1360 -289			2827 -1756	3100 -2029				
678 36530	MUTCH SHIVELY #1	STEUBE	21 38N 14E	1050	1068			3340	KNOX	1059 9		1350 -282			2820 -1752	3100 -2032	3335 -2267			
679 36687	MUTCH WIREMAN #1	STEUBE	25 38N 14E	1058	1069			3222	BLACK	1044 25					2798 -1729	3050 -198				
680 21894	WOODRUFF WEUGHT #1	STEUBE	17 38N 15E	1047	-----			3410	KNOX	1081 -14		1328 -281			2851 -1804	3098 -2051	3400 -2353			
681 21870	MCCLURE DRLG. KINT #1	STEUBE	28 38N 15E	1045	-----			3393	KNOX	1029 16					2795 -1750	3038 -1993	3341 -2296			
682 00027	FELMONT CORP. RIGGS #1	SULLIV	36 8N 9W	458	-----			4160	KNOX	2263 -1805	2405 -1947	2600 -2142			3416 -2956	3582 -3124	4134 -3676			
683 18901	TEXAS GAS MCANALLY #1-U	SULLIV	30 9N 8W	533	-----			3440	BLACK	1993 -1460	2096 -1563				3230 -2697	3386 -2853				
684 04074	MYERS THOMAS #1	SULLIV	19 9N 10W	536	-----			4350	CHAZYA	2494 -1958					3628 -3092	3775 -3239				
685 103663	IND. GEOL. SUR. ROBINS #SDH-133	SWITZE	01 2N 1W	510	-----			570	BLACK			149 361				315 195				
686 29579	ASHLAND OIL COLLINS #1	SWITZE	04 2N 1W	868	880			4000	PRECAM			518 362				690 190	1217 -337	3132 -2252	3637 -2757	3974 -3094
687 16867	SEEVERS CLEETER HEIRS #1	SWITZE	32 4N 3W	910	-----			900	BLACK			584 326				835 75				
688 24577	CONTINENTAL OIL STUART #1	TIPPEC	03 22N 5W	618	-----			1559	CHAZYA			353 265	821 -203		1166 -548	1333 -715				
689 23743	CONTINENTAL OIL WARREN #1	TIPPEC	08 23N 5W	683	-----			1743	KNOX	354 329		368 315	833 -150		1171 -488	1343 -660	1686 -1003			
690 23580	CONTINENTAL OIL SHEPARD #1	TIPPEC	12 24N 5W	701	-----			1654	KNOX			739 -38			1103 -402	1270 -569	1602 -901			
691 00405	EASTMAN VANDEVENTER #1	TIPTON	21 21N 3E	918	-----			1521	KNOX			510 408			990 -72	1142 -224	1488 -570			
692 27418	SUN OIL CO. UNION STATE BANK #1	TIPTON	36 23N 3E	880	-----			1604	KNOX			478 402			966 -86	1130 -250	1451 -571			
693 21519	CONTNENTAL OIL SHEETS #1	UNION	31 11N 1W	997	-----			2756	KNOX						924 73	950 47	1430 -433			
694 34857	TRIANGLE OIL CO. CHEEK #1	VERMIL	27 14N 9W	488	-----			2577	BLACK	1478 -990	1606 -1118	1650 -1162	2080 -1592		2379 -1891	2551 -2063				
695 102119	FOOD MACHINERY NEWPRT. CHEM. #WD-1	VERMIL	09 16N 9W	642	650			6160	MOUNT	1321 -671	1445 -795	1460 -810	1880 -1230		2190 -1540	2360 -1710	2819 -2169	4587 -3937	5447 -4797	
696 07157	HIGGINBOTHAM FLESHER #1,1	VIGO	05 10N 10W	457	-----			3440	BLACK	2133 -1676	2275 -1818	2312 -1855	2880 -2423		3210 -2753	3380 -2923				
697 01265	LUKENS CAMPBELL #1	VIGO	24 11N 8W	618	-----			3000	BLACK	1654 -1036	1778 -1160	1824 -1206	2363 -1745		2686 -2068	2836 -2218				
698 31151	PLEDGER HOWARD #1	WABASH	10 26N 7E	846	-----			1275	BLACK						976 -130	1150 -304				

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

28

PERMIT	OPERATOR FARM-WELL#	COUNTY	LOCATION	ELEVATION				TD	TD FORM	DEV LS	GENEV	SIL	DEPTH-SUBSEA ELEVATIONS					EAU CL	MOUNT	PRECAM
				GL	KB								CIN	LEXING	TREN	BLACK	KNOX			
699	30793	HORIZON OIL INC THOMPSON #1-H	WABASH	07	26N	8E	858	----	1347	BLACK			405 453		1022 -164	1198 -340				
700	30284	HORIZON OIL INC EARLY #1-H	WABASH	R13	27N	6E	735	----	1475	KNOX			370 365		930 -195	1110 -375	1411 -676			
701	33344	H & M RECOVERY BAER #3	WABASH	R18	27N	6E	777	----	1520	KNOX			390 387				1379 -602			
702	22830	CLEMENS BRANE #1	WABASH	11	27N	7E	830	----	1226	BLACK			459 371		1035 -205	1220 -390				
703	23177	CLEMENS BUZZARD #1	WABASH	17	27N	8E	793	----	1425	KNOX			359 434		956 -163	1150 -357	1373 -580			
704	31233	RELIAANCE OIL CO KISNER #1	WABASH	26	28N	6E	797	----	1269	BLACK			502 295		1057 -260	1238 -441				
705	30986	HORIZON OIL CO STAUFFER #1-H	WABASH	06	28N	7E	799	----	1345	BLACK			540 259		1094 -295	1280 -481				
706	29024	ASHLAND OIL HUDSON #1	WABASH	25	29N	6E	775	787	3685	PRECAM			542 245		1083 -296	1260 -473	1459 -672	2458 -1671	2994 -2007	3654 -2867
707	200005	COMINCO AMER. HUDSON #CA-53	WABASH	25	29N	6E	773	----	2300	EAU CL			516 257		1066 -293	1247 -474	1444 -671			
708	30286	HORIZON OIL INC BAKER #1-H	WABASH	26	29N	6E	786	----	1441	BLACK			560 226		1120 -334	1304 -518				
709	32290	PATLA MILLER #1	WABASH	35	29N	6E	787	----	1404	BLACK			530 257		1093 -306	1278 -491				
710	41578	ORION RESOURCES SMITH #1	WABASH	08	29N	7E	772	----	1740	KNOX			564 208		1112 -340	1310 -538	1568 -796			
711	30594	SIGNS BETTEN #1	WABASH	20	29N	7E	793	----	1338	BLACK			550 243		1128 -335	1321 -528				
712	30859	WHITMER DRLG. CUSTER #1	WABASH	30	29N	7E	788	----	1355	BLACK					1076 288	1290 -502				
713	01372	DETRICK AND TOPF BOWMAN #1	WARREN	24	23N	10W	711	----	1730	BLACK	640 71	690 21	1187 -476		1460 -749	1630 -919				
714	03871	WASHINGTON COUNTY CAUBLE #1	WASHIN	10	1N	3E	788	----	2025	BLACK	947 -159	1040 -252	1284 -496			1966 -1178				
715	04308	WASHINGTON COUNTY ELROD #1	WASHIN	08	2N	4E	746	----	1840	BLACK	753 -7	842 -96				1753 -1007				
716	13376	TRIC QUNTY EXPL. OWSLEY #1	WASHIN	10	3N	2E	768	----	2002	BLACK	885 -117		1200 -432		1904 -1136	1990 -1222				
717	00605	SEIP MCGRAW #1	WAYNE	19	13N	1W	928	----	914	BLACK					865 63	890 38				
718	02189	WAYNE COUNTY TAYLOR #1	WAYNE	22	13N	1W	1030	----	3330	MOUNT			26 1004		975 55	1025 5	1500 -470	2780 -1750	3309 -2279	3435 -2478
719	02448	WAYNE COUNTY MAGAW #1	WAYNE	34	13N	1W	1135	----	1276	BLACK					1073 62	1100 35				
720	103578	IND. GEOL. SUR. COOK #SDH-57	WAYNE	12	14N	1W	1028	----	1083	BLACK			47 981		1018 10	1051 -23				
721	07467	GORDON DODDRIDGE #1	WAYNE	23	15N	13E	957	----	3907	PRECAM					835 122	896 61	1340 -383	2720 -1763	3203 -2246	
722	42617	FARRAR OIL CO BRIAR ET AL #1	WAYNE	20	16N	12E	1019	----	1732	KNOX					858 161	972 47	1396 -377			
723	12695	WAYNE OIL HOOVER #1	WAYNE	35	17N	12E	1022	----	1655	KNOX					907 115	970 52	1380 -358			
724	32105	ZAVOICO STRICKLER #1	WAYNE	20	17N	13E	1074	----	1512	KNOX					952 122	1054 20	1472 -398			
725	17199	MEANS BILLHEIMER #1	WAYNE	28	18N	12E	1062	----	2018	KNOX					947 115		1478 -416			
726	02579	FOX METZ #1	WELLS	11	25N	10E	949	----	2300	DAVIS					980 -131	1160 -311	1497 -648			
727	37132	BRETT SMELTZER #16-A	WELLS	11	25N	10E	841	----	1600	KNOX					967 -126	1150 -309	1462 -621			
728	22169	MCOLLUM & KINCAID HILES #1	WELLS	13	25N	10E	849	----	1214	BLACK					988 -139					

DATA BASE FOR DEEP WELLS IN INDIANA

DATA BASE FOR DEEP WELLS IN INDIANA-Continued

OPERATOR										DEPTH SUBSEA ELEVATIONS										
PERMIT	FARM-WELL#	COUNTY	LOCATION			ELEVATION		TD	TD FORM	DEV LS	GENEV	SIL	CIN	LEXING	TREN	BLACK	KNOX	EAU CL	MOUNT	PRECAM
729	41139	NEIL-RAY OIL HETLER #2	WELLS	14	25N	10E	834	----	1196	BLACK					975 141					
730	41180	NEIL-RAY OIL SQUIRES #2	WELLS	14	26N	10E	831	----	1194	BLACK					965 134					
731	41203	NEIL-RAY OIL SQUIRES #1	WELLS	14	25N	10E	846	----	1500	EHAZVA		280 566		982 -136	1170 -324					
732	32241	COCHISE OIL BOOHER #1	WELLS	25	25N	10E	863	----	1882	KNOX		300 563		989 -126		1464 -601				
733	38139	BRETT LIEVRENCE #1	WELLS	26	25N	10E	866	----	1481	KNOX		245 621		965 -99	1150 -284	1460 -594				
734	38483	BRETT LIEVRENCE #2	WELLS	26	25N	10E	866	----	1499	KNOX		235 631		953 -87						
735	37129	BRETT NORTH #14-D	WELLS	15	25N	12E	864	----	1575	KNOX				1008 -144	1190 -326	1448 -584				
736	34075	DAVIS PATTERSON #1	WELLS	19	25N	12E	868	----	1710	KNOX				980 -112	1158 -290	1470 -602				
737	116607	IND. GEOL. SUR. WILLIAMS #SDH-323	WELLS	20	25N	12E	873	----	1240	BLACK		303 570		1010 -137	1190 -317					
738	18053	MUTCH COFFEL #1	WELLS	22	25N	12E	857	----	1560	KNOX		295 562		1018 -161	1187 -330					
739	34119	MITCHELL INC. REYNOLDS #16A-24	WELLS	26	25N	12E	856	----	1772	KNOX		250 606		1009 -153	1187 -331	1481 -625				
740	31661	FRANKS ALBERSON #1	WELLS	25	25N	12E	874	----	1291	BLACK		282 592		1009 -135	1180 -306					
741	34125	MITCHELL INC. STUDEBAKER #12C-28	WELLS	28	25N	12E	882	----	1600	KNOX		310 572		1018 -136	1200 -318	1460 -578				
742	17008	CARTER OIL CO. CHILCOAT #1-S	WELLS	09	28N	12E	819	----	1446	BLACK		470 349		1200 -381	1390 -571					
743	16931	CARTER OIL CO. MARTZ #1-S	WELLS	20	28N	12E	833	----	1406	BLACK		450 383		1190 -357	1390 -557					
744	23696	CONTINENTAL OIL HAFF #1-A	WHITE	01	25N	4W	674	----	1566	KNOX		668 6		1024 -548	1222 -843	1517 -843				
745	28099	INDIANA GAS GOSS #1	WHITE	11	26N	6W	723	----	1434	KNOX	70 653	97 626	580 143	925 -202	1140 -417	1414 -691				
746	23459	CONTINENTAL OIL KOESTNER #1	WHITE	15	27N	3W	684	----	1500	KNOX			690 -6	1012 -501	1185 -501	1452 -768				
747	28108	INDIANA GAS MILLER #1	WHITE	32	27N	5W	712	----	1400	CHAZVA				949 237	1135 -423					
748	23180	INDIANA GAS FORBES #1	WHITE	03	27N	6W	703	----	1470	KNOX	133 570	149 554	644 59	983 -462	1165 -764	1467 -764				
749	33453	NIPSCO THRASHER #L-9	WHITE	05	28N	3W	684	----	3091	MOUNT			565 119	870 -383	1067 -635	1319 -1450	2134 -2063	2747 -2063		
750	100601	OHIO OIL CO. MOSLEY #1	WHITE	01	28N	5W	675	----	1638	KNOX			583 91	877 -379	1054 -639	1314 -639				
751	17009	CARTER OIL CO. KREIDER #1-S	WHITE	16	30N	8E	843	----	1530	BLACK			705 138	1324 -677	1520 -677					
752	16932	CARTER OIL CO. BOLINGER #1-S	WHITE	33	30N	8E	873	----	1556	BLACK			675 198	1299 -426	1488 -615					
753	25237	CONTINENTAL OIL HENEY #1	WHITE	30	30N	10E	879	----	1868	KNOX		230 649	695 184	1356 -668	1547 -926	1805 -926				
754	24668	TEXACO INC. KNELLER #1	WHITE	03	31N	8E	916	----	1750	BLACK			372 544	865 -576	1492 -767	1683 -767				
755	33016	VICKERY DRILLING JARBOE #1	WHITE	09	31N	8E	906	----	1695	BLACK			377 529	870 -588	1494 -778	1684 -778				
756	17083	CARTER OIL CO GANGWER #1-S	WHITE	22	31N	8E	831	----	1602	BLACK			765 66	1392 -744	1575 -744					
757	29040	HAMMERSTONE OIL CONRAD #1	WHITE	09	32N	9E	950	956	2434	KNOX		470 486	980 -24	1649 -693	1845 -889	2105 -1149				
758	38959	BARLOWE HENDRICKSON #1	WHITE	30	32N	10E	858	----	3404	MOUNT		340 518	840 18	1518 -660	1708 -850	1950 -1092	2822 -1964	3332 -2474		

DATA BASE FOR DEEP WELLS IN INDIANA - UPDATE
[as of December 31, 1984]

84-1

Permit	Operator Farm-Well#	County	Location	Elevation				Depth-Subsea Elevations											
				GL	KB	TD	TD Form	Dev	Ls	Genev	Sil	Cin	Lexing	Tren	Black	Knox	Eau	C1	Mount
42907	Phoenix Petroleum Light #2	Blackf	6-22N-10E	868		1760	Knox							890					
45308	Petroleum Res. Willhelm #1	Dearbo	24-7N-1W	745	755	1483	Knox	*						22					
45307	Petroleum Res. Farmer #1	Dearbo	11-7N-1W	526		1359	Knox	*											
43586	Mesalam Oil Carmichael #1	Delawa	15-19N-11E	1055		1350	Black							994	1125				
41314	Kern Jones #1	Delawa	36-20N-9E	955		1410	Knox					168		+61	70				
43420	Kern Main #1	Delawa	9-20N-11E	983		1218	Black					+787		878	970	1300			
45121	Baggett Jones #1-A	Delawa	10-20N-11E	994		1239	Black	*						+77	-15	-345			
44472	Delco Petroleum Ginther et al #3	Delawa	13-21N-11E	942		1505	Knox	*						942	1083				
124439	Hoskin Mfg. Hoskin Mfg. #-	Elkhar	21-25N-6E	815	829	4132	Precam							+41	-100				
42123	NIPSCO Berwanger #S-153-MSB	Fulton	29-29N-1E	743	759	3083	Mount	*						958					
41708	NIPSCO Capper #S-150-MSB	Fulton	29-29N-1E	746		3085	Mount							+36					
42091	NIPSCO Capper #S-152-MSB	Fulton	29-29N-1E	747	763	3102	Mount												
42124	NIPSCO Haselby #S-154-MSB	Fulton	31-29N-1E	745	760	3065	Mount												
41995	NIPSCO Hiatt #S-149-MSB	Fulton	31-29N-1E	750	766	3092	Mount												
44378	Orion Resources Janney #1	Jay	29-22N-13E	998		1605	Knox												
44288	Shell Oil L 6 R Inc. #1-24	Lagran	24-28N-10E	931	944	4737	Precam												
43638	Buttercup Energy Data #1	Lawren	15-5N-2E	769		1850	Black												
																		</	

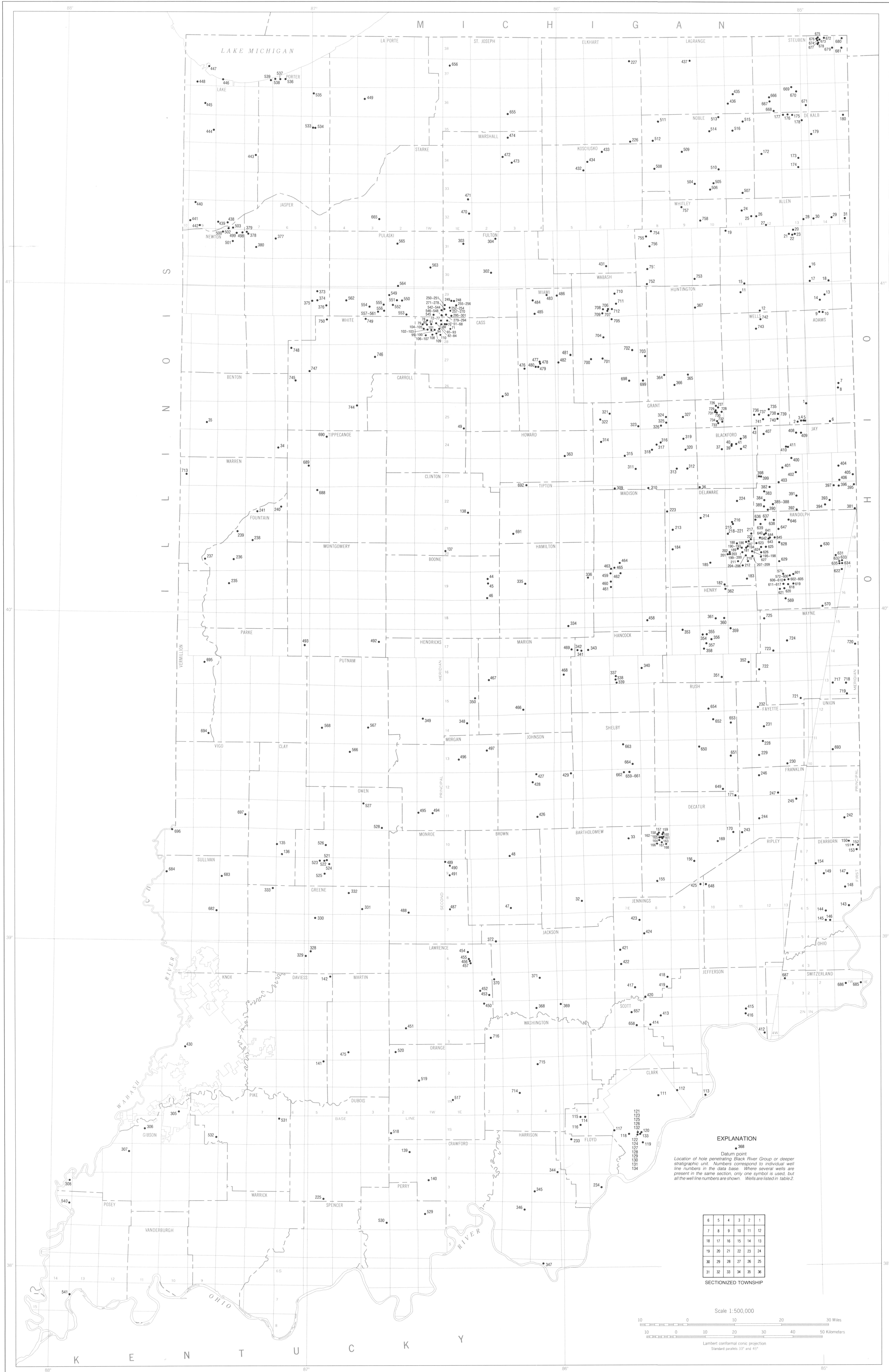
*Formation tops may be added in future update.

DATA BASE FOR DEEP WELLS IN INDIANA - UPDATE
[as of December 31, 1984]

84-2

Permit	Operator Farm-Well#	County	Location	Elevation				Depth-Subsea					Elevations					
				GL	KB	TD	TD Form	Dev Ls	Genev	Sil	Cin	Lexing	Tren	Black	Knox	Eau C1	Mount	Precam
43890	Lamar Properties #1 Kinser	Lawren	26-6N-1E	651		1780	Black	672 -21	762 -111	800 -149	1090 -439		1670 -1019	1773 -1122				
42490	Kendall Bronnenberg #1	Madiso	2-19N-8E	882		1287	Black											
45017	Enhanced Oil Soames #3-B	Miami	28-27N-4E	647		1615	Knox						862 -215					
43600	RAM Oil Jackson Farms #3	Miami	RR-27N-5E	651		1568	Knox						856 -205					
42917	Eagle Exploration Pitman #A-2	Monroe	34-7N-1E	797		2079	Black						1708 -911	1825 -1028				
200536	Ind. Geol. Sur. Newton Stone #SDH-87	Newton	25-27N-9W	520		650	Knox											
45250	Warren Oil Paulin #1	Perry	23-3S-3W	456		4100	Knox	*										
43558	Citizens Res. Dev. Galey #1	Perry	5-4S-1W	755	767	3101	Black	1733 -966		1815 -1048	2250 -1483		2850 -2083	2875 -2108				
41097	Ernst Modesitt #1	Putnam	4-12N-5W	746		2328	Black	1270 -524	1380 -634	1425 -679	1810 -1064		2160 -1414	2325 -1579				
44107	JRFM Drlg. Snodgrass #1	Randol	20-20N-12E	1021		1713	Knox						1000 +21					
43854	Orion Resources Jones #1	Randol	8-21N-12E	936		1400	Knox			140 +796			888 +48	1040 -104	1217 -281			
43352	Whitmer Inc. Bowman #1	Shelby	26-14N-6E	804		1653	Knox	*					928 +24					
43353	Whitmer Inc. Mohr #1	Shelby	34-14N-6E	805		1200	Black						934 -129					
43747	Gulf Coast Exp. Pounds #1	Sulliv	2-8N-10W	499		4013	Black	2412 -1913	2594 -2095	2615 -2116	3283 -2784		3584 -3085	3760 -3261				
43725	Big Oil Baker #2	Vigo	8-10N-8W	621	628	3201	Black	1947 -1319			2645 -2017		2965 -2337					
43453	Big Oil Baker #1	Vigo	8-10N-8W	610	617	3200	Black	1934 -1319	2065 -1448	2128 -1511	2644 -1017		2958 -2341	3140 -2523				
45206	North North #2	Wells	15-25N-12E	858		1225	Black						996 -1348					

*Formation tops may be added in future update.



Base modified from U.S. Geological Survey
Base Map of Indiana, 1960.

MAP OF INDIANA SHOWING LOCATIONS OF WELLS IN DEEP-WELL DATA BASE

Compiled by B. D. Keith and J. T. Cazes,
October 31, 1983